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Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1782***
	For each additional sheet over 30	**$20**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1782 $***
	Pour chaque feuille au delà de 30	**20 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$268**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$135** for all applications filed using PCT-EASY,
- **$268** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$402** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**268 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **135 $** pour toutes les demandes déposées en utilisant PCT-EASY,
- **268 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **402 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trademark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé MC* et *XpresspostMC* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandéMC* et *XpresspostMC* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 27, 2016 contains applications open to public inspection from December 11, 2016 to December 17, 2016.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 27 décembre 2016 contient les demandes disponibles au public pour consultation pour la période du 11 décembre 2016 au 17 décembre 2016.

17. Erratum

The information concerning application number 2,879,700 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of August 2, 2016 was incorrect. Please note that no application is open to public inspection under this number.

17. Erratum

Les renseignements concernant la demande 2,879,700 sous la rubrique *Demandes canadiennes mises à la disponibilité du public* de la *Gazette du Bureau des brevets* du 2 août 2016 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

December 27, 2016

Brevets canadiens délivrés

27 décembre 2016

Please be advised that no patents were issued on Deceember 27, 2016.

Veuillez noter qu'aucun brevet n'a été délivré le 27 décembre 2016.

Canadian Applications Open to Public Inspection

December 11, 2016 to December 17, 2016

Demandes canadiennes mises à la disponibilité du public

11 décembre 2016 au 17 décembre 2016

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[21] **2,894,052**
[13] A1
[51] **Int.Cl. G09G 3/00 (2006.01) G01R 31/26 (2014.01) H01L 51/50 (2006.01)**
[25] EN
[54] **INTERDEPENDENCY CURVE CORRECTION FOR THERMAL EFFECT**
[54] **CORRECTION DE COURBE D'INTERDEPENDANCE DESTINEE A UN EFFET THERMIQUE**
[72] UNKNOWN, ZZ
[71] IGNIS INNOVATION INC., CA
[22] 2015-06-12
[41] 2016-12-12

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[21] **2,894,060**
[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 5/162 (2006.01) A61M 5/168 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **INFUSION SET**
[54] **DISPOSITIF D'INFUSION**
[72] SHAKED, ASSAF, IL
[72] DEKEL, INNA, IL
[72] JAMIN, JON GUILLAUME, GB
[72] AUGUSTYN, STEPHEN EDWARD, GB
[72] FOX, STEWART MADDISON, GB
[72] NOYMER, PETER, US
[71] STEADYMED LTD., IL
[22] 2015-06-11
[41] 2016-12-11

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[21] **2,894,064**
[13] A1
[51] **Int.Cl. F02B 19/00 (2006.01) F02B 43/04 (2006.01) F02D 19/02 (2006.01) F02P 5/145 (2006.01)**
[25] EN
[54] **IMPROVEMENTS FOR NATURAL GAS ENGINES TO REDUCE NOX EMISSIONS**
[54] **AMELIORATIONS DE MOTEURS AU GAZ NATUREL EN VUE DE REDUIRE LES EMISSIONS DE NOX**
[72] MALM, HOWARD, CA
[72] BOBYK, BRIAN ROBERT, CA
[72] BROWN, GREGORY ANTHONY, CA
[71] REM TECHNOLOGY INC., CA
[22] 2015-06-11
[41] 2016-12-11

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[21] **2,894,068**
[13] A1
[51] **Int.Cl. F25B 1/00 (2006.01) F24F 12/00 (2006.01) F25B 41/00 (2006.01)**
[25] EN
[54] **AIR CONDITIONER SYSTEM WITH EXPANSION MOTOR**
[54] **APPAREIL DE CONDITIONNEMENT DE L'AIR DOTE D'UN MOTEUR D'EXPANSION**
[72] HE, GUANGMING MINCO, CA
[71] HE, GUANGMING MINCO, CA
[22] 2015-06-11
[41] 2016-12-11

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[21] **2,894,100**
[13] A1
[51] **Int.Cl. A01D 47/00 (2006.01) A01D 41/12 (2006.01) A01D 75/18 (2006.01)**
[25] EN
[54] **HARVESTING APPARATUS FOR INTER-SEEDED CORPS**
[54] **INSTRUMENT DE RECOLTE DESTINE A DES CULTURES ENTRE-SEMENCEES**
[72] DIETRICH, DAVE, CA
[71] DIETRICH, DAVE, CA
[22] 2015-06-11
[41] 2016-12-11

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[21] **2,894,158**
[13] A1
[51] **Int.Cl. E05B 27/00 (2006.01)**
[25] EN
[54] **IMPROVED LOCK**
[54] **VERROU AMELIORE**
[72] NICOARA, PETER, IL
[72] GOLDSTEIN, ERAN, IL
[71] RAV BARIACH (08) INDUSTRIES LTD., IL
[22] 2015-06-15
[41] 2016-12-15

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[21] **2,894,165**
[13] A1
[51] **Int.Cl. B60B 30/02 (2006.01) B60B 30/10 (2006.01)**
[25] EN
[54] **WHEEL LIFT**
[54] **APPAREIL DE LEVAGE A ROUE**
[72] ANG, WOON TIONG, CA
[71] INVENTIONWORX INC., CA
[22] 2015-06-12
[41] 2016-12-12

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[21] **2,894,301**
[13] A1
[51] **Int.Cl. E04F 15/18 (2006.01) E04B 1/64 (2006.01) E04B 5/00 (2006.01)**
[25] EN
[54] **COMPOSITE FLOORING SYSTEM AND METHOD FOR INSTALLATION OVER SEMI-RIGID SUBSTRATE**
[54] **SYSTEME DE REVETEMENT DE PLANCHER EN COMPOSITE ET METHODE D'INSTALLATION SUR UN SUBSTRAT SEMI-RIGIDE**
[72] DOMBOWSKY, MICHAEL, CA
[72] DOMBOWSKY, BEN, CA
[71] DOMBOWSKY, MICHAEL, CA
[71] DOMBOWSKY, BEN, CA
[22] 2015-06-16
[41] 2016-12-16

[21] **2,894,317**
[13] A1
[51] **Int.Cl. G06F 19/12 (2011.01) G06F 19/10 (2011.01) G06F 19/18 (2011.01) G06F 19/24 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CLASSIFYING, PROIRITIZING AND INTERPRETING GENETIC VARIANTS AND THERAPIES USING A DEEP NEURAL NETWORK**
[54] **SYSTEMES ET METHODES DE CLASSEMENT, PRIORISATION ET INTERPRETATION DE VARIANTS GENETIQUES ET THERAPIES EMPLOYANT UN RESEAU NEURONAL PROFOND**
[72] FREY, BRENDAN, CA
[72] LEUNG, MICHAEL K.K., CA
[72] DELONG, ANDREW THOMAS, CA
[72] XIONG, HUI YUAN, CA
[72] ALIPANAHI, BABAK, CA
[72] LEE, LEO J., CA
[72] BRETSCHNEIDER, HANNES, CA
[71] DEEP GENOMICS INCORPORATED, CA
[22] 2015-06-15
[41] 2016-12-15

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[21] **2,894,320**
[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **TREATMENT OF RETINITIS PIGMENTOSA**
[54] **TRAITEMENT DE LA RETINITE PIGMENTAIRE**
[72] MACLAREN, ROBERT E., GB
[72] LIPINSKI, DANIEL M., GB
[71] ISIS INNOVATION LIMITED, GB
[22] 2015-06-15
[41] 2016-12-15

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[21] **2,894,321**
[13] A1
[51] **Int.Cl. A61K 41/00 (2006.01) A61K 9/08 (2006.01) A61K 47/10 (2017.01) C02F 1/34 (2006.01) C02F 1/48 (2006.01) C02F 1/50 (2006.01) C02F 1/68 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **WATER IN LIQUID CRYSTALLINE STATE AND IN RESONANCE WITH MATERIAL**
[54] **EAU A L'ETAT CRISTALLIN LIQUIDE ET EN RESONNANCE AVEC LA MATIERE**
[72] TAYLOR, DONNA L., CA
[71] TAYLOR, DONNA L., CA
[22] 2015-06-15
[41] 2016-12-15

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[21] **2,894,331**
[13] A1
[51] **Int.Cl. A01G 7/06 (2006.01) A01G 9/00 (2006.01) A01G 31/00 (2006.01)**
[25] EN
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[54] **APPAREIL ROTATIF DE CROISSANCE DE PLANTES**
[72] VESTY, WARREN BAMBER, CA
[71] TOV CONSULTING LTD., CA
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[54] **FORMULE NUTRITIONNELLE LIQUIDE DESTINEE AUX PATIENTS ATTEINTS DE TYROSINEMIE**
[72] SIZER, CHARLES E., US
[71] CAMBROOKE THERAPEUTICS, INC., US
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[54] **DUPLEX ROTOR CONFIGURATION FOR EFFICIENT MULTICOPTER DESIGN**
[54] **CONFIGURATION DE ROTOR DUPLEX DESTINEE A LA CONCEPTION D'UN MULTICOPTERE EFFICACE**
[72] NASIR, MOHAMMED N., CA
[71] AHMED, BASHEER N., CA
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[54] **A FIBRE OPTIC NETWORK DESIGN METHOD**
[54] **UNE METHODE DE CONCEPTION DE RESEAU DE FIBRES OPTIQUES**
[72] FORBES, CHRISTOPHER RUSSELL, AU
[72] KENNEDY, PAUL MICHAEL, AU
[71] BIARRI NETWORKS PTY LTD, AU
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[54] **MONTURES INTERCHANGEABLES DESTINEES A DES VERRES CORRECTEURS**
[72] WEINBERG, FREDRICK LEWIS, US
[71] WEINBERG, FREDRICK LEWIS, US
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[54] **MODULAR FLOORING SUBSTRATE SYSTEM AND ELEMENT**
[54] **SYSTEME DE SUBSTRAT DE PLANCHER MODULAIRE ET ELEMENT**
[72] DOMBOWSKY, MICHAEL, CA
[72] DOMBOWSKY, BEN, CA
[71] DOMBOWSKY, MICHAEL, CA
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[25] EN
[54] **COIN CHUTE WITH ANTI-FISHING ASSEMBLY**
[54] **GOULOTTE DE MONNAIE DOTEE D'UN MECANISME ANTI REPECHAGE**
[72] MACKAY, GEORGE ALLAN, CA
[72] CAMERON, DARREN SCOTT, CA
[72] SINCLAIR, DONALD STACY, CA
[71] J.J. MACKAY CANADA LIMITED, CA
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[25] EN
[54] **SPECTRAL-TEMPORAL CONNECTOR FOR FULL-MESH NETWORKING**
[54] **RACCORD TEMPOREL SPECTRAL DESTINE A UN RESEAU PLEINE MAILLE**
[72] BESHAI, MAGED E., CA
[71] BESHAI, MAGED E., CA
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[54] **BARRE D'ALIMENTATION DOTEE DE PRISES REPOSITIONNABLES**
[72] WELCH, ROBERT E., US
[71] WELCH, ROBERT E., US
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[54] **CONNECTEUR TEMPOREL SPECTRAL OPTIQUE**
[72] BESHAI, MAGED E., CA
[71] BESHAI, MAGED E., CA
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[25] EN
[54] **HARVESTING HEADER TRANSPORT**
[54] **TRANSPORT D'ORGANE DE COUPE DE RECOLTE**
[72] HONEY, GLENN, CA
[71] HONEY BEE MANUFACTURING LTD., CA
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[54] **APPAREIL DE LANCEMENT DE PISTON RACLEUR**
[72] DISHER, MALCOLM MURHL, CA
[71] ROTO-LAUNCH INC., CA
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[51] **Int.Cl. C10G 1/04 (2006.01) B03B 9/02 (2006.01)**
[25] EN
[54] **DUAL-SOLVENT EXTRACTION OF OIL SAND BITUMEN**
[54] **EXTRACTION DE DOUBLE SOLVANT DE BITUME DE SABLES BITUMINEUX**
[72] WU, XIN ALEX, CA
[72] BHATTACHARYA, SUJIT, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
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[51] **Int.Cl. A47C 9/00 (2006.01) A47C 15/00 (2006.01) B63B 35/85 (2006.01)**
[25] EN
[54] **AQUATIC SEAT**
[54] **SIEGE CONCU A DES FINS D'UTILISATION DANS L'EAU**
[72] JOHNSTON, KENT, CA
[72] JOHNSTON, KEVIN, CA
[71] KYJO STEEL (2010) INC., CA
[22] 2015-06-25
[41] 2016-12-16
[30] US (62/180276) 2015-06-16

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[25] EN
[54] **HIGH PRECISION LIQUID DISPENSER**
[54] **DISTRIBUTEUR DE LIQUIDE HAUTE PRECISION**
[72] COLE, DEREK, CA
[72] ERMAN, PAUL GREGORY, CA
[72] MACLEAN, IAN, CA
[71] A.C. DISPENSING EQUIPMENT INC., CA
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[41] 2016-12-12
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[54] **LOCOMOTIVE HEADLAMP**
[54] **PHARE AVANT DE LOCOMOTIVE**
[72] MESSER, DANIEL, CA
[72] DONNAN, JOSEPH, US
[71] RAILHEAD CORPORATION, US
[71] MESSER, DANIEL, CA
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[51] **Int.Cl. A61L 15/16 (2006.01)**
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[54] **METHOD, KIT, AND TAPE FOR WOUND CARE**
[54] **METHODE, TROUSSE ET RUBAN DESTINES AU SOIN DE PLAIES**
[72] ARBESMAN, RAY, CA
[72] JESCHKE, MARC, CA
[71] ARBESMAN, RAY, CA
[71] JESCHKE, MARC, CA
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[51] **Int.Cl. A61N 5/06 (2006.01)**
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[54] **LIGHT THERAPY DEVICE**
[54] **APPAREIL DE THERAPIE PAR LA LUMIERE**
[72] PAI, JUI-FEN, TW
[72] YE, YU-WEI, TW
[71] GCSOL TECH CO., LTD., TW
[22] 2015-08-31
[41] 2016-12-11
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[51] **Int.Cl. F16L 57/00 (2006.01) F16L 1/06 (2006.01)**
[25] EN
[54] **SEISMIC REINFORCED UNDERGROUND WATER CONDUIT**
[54] **CONDUIT D'EAU SOUTERRAIN RENFORCE POUR RESISTER AUX SECOUSSES SISMIQUES**
[72] BUREAU, MARTIN, CA
[72] GAGNON, GILLES, CA
[72] DAVISON, MICHAEL, CA
[72] COTE, BENOIT, CA
[71] SANEXEN ENVIRONMENTAL SERVICES INC., CA
[22] 2015-09-16
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[51] **Int.Cl. E04F 21/20 (2006.01) E04F 15/08 (2006.01)**
[25] EN
[54] **FLOOR LEVELING DEVICE**
[54] **DISPOSITIF DE NIVELLEMENT DE PLANCHER**
[72] SARAJIAN, KISSAK, US
[72] CUSHMAN, CHAD M., US
[72] ONISZCZUK, ANDREW W., US
[71] ENGINEERED PRODUCTS AND SERVICES, INC., US
[22] 2015-10-21
[41] 2016-12-17
[30] US (14/742,229) 2015-06-17

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[51] **Int.Cl. E21B 47/10 (2012.01) E21B 47/08 (2012.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD OF MODELLING HYDROCARBON PRODUCTION FROM FRACTURED UNCONVENTIONAL FORMATIONS**
[54] **METHODE DE MODELISATION DE LA PRODUCTION D'HYDROCARBURE DANS LES FORMATIONS NON CONVENTIONNELLES FRACTUREES**
[72] ZENG, FANHUA, CA
[72] WANG, XIANGZENG, CN
[72] GAO, RUIMIN, CN
[72] YAO, SHANSHAN, CA
[72] LIU, HONG, CN
[72] LIANG, QUANSHENG, CN
[71] ZENG, FANHUA, CA
[71] WANG, XIANGZENG, CN
[71] GAO, RUIMIN, CN
[71] YAO, SHANSHAN, CA
[71] LIU, HONG, CN
[71] LIANG, QUANSHENG, CN
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[51] **Int.Cl. E21B 49/00 (2006.01) E21B 47/003 (2012.01) E21B 43/20 (2006.01) E21B 47/00 (2012.01)**
[25] EN
[54] **ESTIMATION OF OIL RECOVERY IN FOAM FLOODED HYDROCARBON RESERVOIRS**
[54] **ESTIMATION DE LA RECUPERATION DE PETROLE DANS LES RESERVOIRS D'HYDROCARBURE INONDES DE MOUSSE**
[72] ZENG, FANHUA, CA
[72] YANG, JUN, CA
[72] ZHANG, YIHZONG, CA
[72] WANG, XIANGZENG, CN
[72] WANG, SHUBAO, CN
[72] GAO, RUIMIN, CN
[72] YANG, YONGCHAO, CN
[71] ZENG, FANHUA, CA
[71] YANG, JUN, CA
[71] ZHANG, YIHZONG, CA
[71] WANG, XIANGZENG, CN
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[71] GAO, RUIMIN, CN
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[51] **Int.Cl. G09B 23/40 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **PHYSICAL SIMULATION METHOD AND EXPERIMENT DEVICE OF FRACTURE-CAVITY CARBONATE RESERVOIR HYDROCARBON CHARGE**
[54] **METHODE DE SIMULATION PHYSIQUE ET APPAREIL D'EXPERIMENTATION DE CHARGE D'HYDROCARBURE DE RESERVOIR CARBONE A CAVITE-FRACTURE**
[72] HU, SUYUN, CN
[72] SHI, SHUYUAN, CN
[72] JIANG, HUA, CN
[72] WANG, TONGSHAN, CN
[72] JIANG, QINGCHUN, CN
[71] PETROCHINA COMPANY LIMITED, CN
[22] 2015-12-31
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[51] **Int.Cl. F04D 29/70 (2006.01) F04D 29/10 (2006.01) F16J 15/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICES FOR DISCHARGING CONTAMINANTS OUT OF A SEAL CHAMBER**
[54] **METHODE ET DISPOSITIFS SERVANT A LIBERER LES CONTAMINANTS D'UNE CHAMBRE ETANCHE**
[72] SHELLEF, RAMMY A., IL
[71] ETTEM ENGINEERING S.A. LTD., IL
[22] 2016-01-04
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[51] **Int.Cl. E04H 17/00 (2006.01) E04H 17/16 (2006.01)**
[25] EN
[54] **NOVEL ENCLOSING WALLBOARD FIRM-CONNECTION DEVICE**
[54] **DISPOSITIF NOVATEUR DE RACCORD FERME DE PANNEAU MURAL D'ENCEINTE**
[72] YIN, JIHONG, CN
[72] HU, XIAOCHEN, CN
[72] ZHAO, YUNQI, CN
[72] ZHAO, JIABIN, CN
[71] YIN, JIHONG, CN
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[51] **Int.Cl. G01N 23/04 (2006.01) E21B 49/02 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **METHOD OF QUANTITATIVE CALCULATION AND ASSESSMENT OF BITUMEN CONTENT IN ANCIENT CARBONATE RESERVOIRS**
[54] **METHODE DE CALCUL QUANTITATIF ET D'EVALUATION DE TENEUR EN BITUME DANS LES ANCIENS RESERVOIRS CARBONES**
[72] SHI, SHUYUAN, CN
[72] HU, SUYUN, CN
[72] WANG, TONGSHAN, CN
[72] LIU, WEI, CN
[72] LI, YONGXIN, CN
[72] JIANG, HUA, CN
[72] XU, ZHAOHUI, CN
[72] HUANG, QINGYU, CN
[71] PETROCHINA COMPANY LIMITED, CN
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[51] **Int.Cl. B60L 5/36 (2006.01) E21F 17/06 (2006.01)**
[25] EN
[54] **OVERHEAD POWER GRID FOR MOBILE MINING MACHINES**
[54] **RESEAU ELECTRIQUE SUSPENDU DESTINE A DES MACHINES D'EXPLOITATION MINIERE MOBILES**
[72] ZIMMERMAN, JOSEPH J., US
[72] LOWMAN, GARRETT L., US
[72] STRUTHERS, ANDREW W., US
[71] JOY MM DELAWARE, INC., US
[22] 2016-02-19
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[25] EN
[54] **RATING SYSTEM, PROCESS AND PREDICTIVE ALGORITHMIC BASED MEDIUM FOR TREATMENT OF MEDICAL CONDITIONS IN COST EFFECTIVE FASHION AND UTILZING MANAGEMENT PATHWAYS FOR CUSTOMIZING OR MODIFYING OF A BASE ALGORITHM BY AN ACCOUNTABLE CARE ORGANIZATION OR OTHER PAYOR IN ORDER TO ESTABLISH BEST TREATMENT PROTOCOLS AN FINANCIAL ASSESSMENT TOOLS FOR INCENTIVIZING CARE PR**
[54] **SYSTEME DE CLASSEMENT, PROCEDE ET ALGORITHME PREDICTIF FONDES SUR UN SUPPORT DE TRAITEMENT D'ETATS MEDICAUX D'UNE MANIERE RENTABLE ET EMPLOYANT DES CHEMINEMENTS DE GESTION DESTINES A PERSONNALISER OU MODIFIER UN ALGORITHME DE BASE PAR UN ORGANISME RESPONSABLE DE SOINS OU UN AUTRE PAYEUR AFIN D'ETABLIR LES MEILLEURS PROTOCOLES DE TRAITEMENT ET OUTILS D'EVALU**
[72] ALHIMIRI, ALI, US
[71] ALHIMIRI, ALI, US
[22] 2016-03-21
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[54] **MOUTH MIRROR APPARATUS**
[54] **DISPOSITIF DE MIROIR DE BOUCHE**
[72] WANG, SHENG-PENG, TW
[71] WANG, SHENG-PENG, TW
[22] 2016-03-22
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[25] EN
[54] **SYSTEMS AND METHODS FOR NON-DESTRUCTIVE TESTING INVOLVING REMOTELY LOCATED EXPERT**
[54] **SYSTEMES ET METHODES D'ESSAIS NON DESTRUCTIFS IMPLIQUANT UN EXPERT SITUE DANS UN LIEU ELOIGNE**
[72] GEORGESON, GARY E., US
[72] HOLMES, TYLER M., US
[72] KOLLGAARD, JEFFREY R., US
[71] THE BOEING COMPANY, US
[22] 2016-03-21
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[54] **TREAD COVER FOR A WHEEL**
[54] **COUVRE-BANDE DE ROULEMENT DESTINE A UNE ROUE**
[72] ZALESKI, TOM, SR., CA
[72] ZALESKI, TOM, JR., CA
[71] ZALESKI, TOM, SR., CA
[71] ZALESKI, TOM, JR., CA
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[25] EN
[54] **LIGHTWEIGHT MODULAR STRUCTURAL PANEL**
[54] **PANNEAU STRUCTUREL MODULAIRE LEGER**
[72] KUMAR, ANJANI, US
[72] PATEL, MITESHKUMAR HASMUKHLAL, US
[72] LAROSE, PAUL, US
[71] NEW ENGLAND WHEELS, INC., US
[22] 2016-03-30
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[25] EN
[54] **SENSOR SYSTEM FOR LAMINATED STRUCTURES**
[54] **SYSTEME DE DETECTEUR DESTINE A DES STRUCTURES LAMELLEES**
[72] PECK, JAMES L., JR., US
[72] MULEY, ARUN, US
[71] THE BOEING COMPANY, US
[22] 2016-03-31
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[51] **Int.Cl. B32B 33/00 (2006.01) B32B 3/08 (2006.01) B32B 5/16 (2006.01) B32B 7/02 (2006.01) B32B 7/12 (2006.01) B32B 27/04 (2006.01) F16F 15/00 (2006.01)**
[25] EN
[54] **RECONFIGURABLE DYNAMIC STRUCTURE REINFORCEMENT SYSTEM USING NANOPARTICLE EMBEDDED SUPRAMOLECULAR ADHESIVE**
[54] **DISPOSITIF DE RENFORCEMENT DE STRUCTURE DYNAMIQUE RECONFIGURABLE EMPLOYANT UN ADHESIF SUPRA MOLECULAIRE INTEGRANT DES NANOPARTICULES**
[72] SUNTSOVA, SOFYA A., US
[72] FELKER, CHRISTOPHER J., US
[71] THE BOEING COMPANY, US
[22] 2016-04-07
[41] 2016-12-15
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[51] **Int.Cl. H01H 83/04 (2006.01)**
[25] EN
[54] **SELF-TESTING GROUND FAULT CIRCUIT INTERRUPTER AND ASSOCIATED METHOD**
[54] **INTERRUPTEUR DE CIRCUIT DE MISE A LA MASSE DEFECTUEUSE A TEST AUTOMATIQUE ET METHODE ASSOCIEE**
[72] EPEE, VICTOR DOUALLA, US
[71] EATON CORPORATION, US
[22] 2016-04-12
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[51] **Int.Cl. B25J 19/02 (2006.01) B23Q 17/22 (2006.01) B25J 9/18 (2006.01)**
[25] EN
[54] **AN AUGMENTED REALITY METHOD AND SYSTEM FOR MEASURING AND/OR MANUFACTURING**
[54] **UNE METHODE DE REALITE AUGMENTEE ET UN SYSTEME DE MESURE OU DE FABRICATION**
[72] MONTAIGNE, MANUEL, FR
[72] ROSSI, TEEMU, IE
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-04-12
[41] 2016-12-12
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[54] **SUPPORTING STRUCTURE FOR PACKAGING MACHINES**
[54] **STRUCTURE DE SOUTIEN DESTINEE A DES MACHINES DE CONDITIONNEMENT**
[72] BELLANTE, DANIELE, IT
[71] CAMA1 S.P.A., IT
[22] 2016-04-20
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[54] **BUMP CAP FOR FACE PROTECTION MEMBERS**
[54] **CASQUE ANTICHOC DESTINE A DES ELEMENTS DE PROTECTION FACIALE**
[72] SOMMERS, ERIC T., US
[71] ILLINOIS TOOL WORKS INC., US
[22] 2016-05-04
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[25] EN
[54] **ENHANCEMENTS FOR DIFFERENTIAL-PRESSURE-DRIVEN FLUID FLOWS**
[54] **AMELIORATIONS DESTINEES AUX FLUX DE LIQUIDE ENTRAINE PAR PRESSION DIFFERENTIELLE**
[72] JACOB, ROBIN, IN
[72] MAHAPATRA, GURU PRASAD, IN
[72] JOHNSON, PAUL ROBERT, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2016-05-10
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[54] **SOIL SPREADING SCRAPER DEVICE INCLUDING DEFLECTING PADDLES**
[54] **DISPOSITIF RACLEUR ETENDEUR DE SOL COMPORTANT DES PALETTES DE DEVIATION**
[72] THOMPSON, MARK C., CA
[71] DYNAMIC DITCHERS INC., CA
[22] 2016-05-13
[41] 2016-12-17
[30] US (62/180,852) 2015-06-17

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[25] EN
[54] **SPRING-ADJUSTMENT ASSEMBLY OF FIREARM MAGAZINE**
[54] **DISPOSITIF A RESSORT DESTINE A UN MAGASIN D'ARME A FEU**
[72] ZAMM, ALBERT, CA
[71] ZAMM, ALBERT, CA
[22] 2016-05-16
[41] 2016-12-17
[30] US (62/180,835) 2015-06-17

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[25] EN
[54] **HITCH ADAPTER SYSTEM WITH DAMPING EFFECT**
[54] **MECANISME D'ADAPTATEUR D'ATTELAGE A EFFET D'ATTENUATION DES CHOCS**
[72] SAGEN, ROBERT C., US
[71] SAGEN, ROBERT C., US
[22] 2016-05-16
[41] 2016-12-14
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[51] **Int.Cl. F01D 21/02 (2006.01) F01D 21/04 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **SYSTEM FOR DETECTING ABNORMAL MOVEMENT OF A SHAFT IN A GAS TURBINE ENGINE**
[54] **SYSTEME DE DETECTION DE MOUVEMENT ANORMAL D'UN ARBRE DANS UN MOTEUR DE TURBINE A GAZ**
[72] OATES, RAY, GB
[71] WESTON AEROSPACE LIMITED, GB
[22] 2016-05-16
[41] 2016-12-15
[30] GB (1510426.8) 2015-06-15

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[25] EN
[54] **POLISHING DEVICE FOR POLISHING CONCAVE LENS FACES OF OPTICAL LENSES, AND METHOD FOR OPERATION THEREOF**
[54] **APPAREIL DE POLISSAGE SERVANT A POLIR LES FACES DE LENTILLES CONCAVES DE LENTILLES OPTIQUES, ET METHODE D'UTILISATION DUDIT APPAREIL**
[72] MANDLER, ROLAND, DE
[71] OPTOTECH OPTIKMASCHINEN GMBH, DE
[22] 2016-05-18
[41] 2016-12-15
[30] DE (10 2015 109 495.9) 2015-06-15
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[25] EN
[54] **DUAL FUEL LOCKOUT SWITCH FOR GENERATOR ENGINE**
[54] **INTERRUPTEUR DE VERROUILLAGE A DOUBLE COMBUSTIBLE DESTINE A UN MOTEUR DE GENERATEUR**
[72] SARDER, MARK J., US
[72] SOTIRIADES, ALEKO D., US
[72] DEHN, JAMES J., US
[72] JENISON, LEIGH, US
[71] CHAMPION ENGINE TECHNOLOGY, LLC, US
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[25] EN
[54] **BATTERYLESS DUAL FUEL ENGINE WITH LIQUID FUEL CUT-OFF**
[54] **MOTEUR A ESSENCE DOUBLE SANS BATTERIE A COUPURE DE CARBURANT LIQUIDE**
[72] COLLIE, KENDALL J., US
[72] SARDER, MARK J., US
[72] SOTIRIADES, ALEKO D., US
[72] DEHN, JAMES J., US
[72] JENISON, LEIGH, US
[72] SATO, HIROAKI, US
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[54] **SHORT MESSAGE SERVICE MANAGMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES DE GESTION DE SERVICE DE MESSAGES COURTS**
[72] WELLS, ANDREW THOMAS, CA
[71] KOOL TELECOM LTD., CA
[22] 2016-05-26
[41] 2016-12-11
[30] US (14/737,255) 2015-06-11
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[25] EN
[54] **FLEXIBLE CHAIR**
[54] **CHAISE FLEXIBLE**
[72] PIRETTI, ALESSANDRO, IT
[71] PRO-CORD S.P.A., IT
[22] 2016-05-26
[41] 2016-12-11
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[25] EN
[54] **FASTENING ARRANGEMENTS FOR A METAL ROOF**
[54] **DISPOSITIFS D'ATTACHE DESTINES A UN TOIT EN METAL**
[72] ZHANG, XIUMING, CA
[71] ZHANG, XIUMING, CA
[22] 2016-05-30
[41] 2016-12-16
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[25] EN
[54] **EXPANDABLE BALL SEAT FOR USE IN FRACTURING GEOLOGIC FORMATIONS**
[54] **SIEGE DE ROTULE EXTENSIBLE DESTINE A LA FRACTURATION DE FORMATIONS GEOLOGIQUES**
[72] BAR, AHMAD WARID ABDEL, US
[72] BRADDICK, BRITT O., US
[71] TIW CORPORATION, US
[22] 2016-05-30
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[54] **SURGICAL ANASTOMOSIS APPARATUS**
[54] **APPAREIL D'ANASTOMOSE CHIRURGICALE**
[72] WILLIAMS, JUSTIN, US
[71] COVIDIEN LP, US
[22] 2016-05-30
[41] 2016-12-12
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[54] **COMFORT-OPTIMIZED CONTACT LENS SYTEM FOR NON-ROTATIONALLY SYMMETRIC EYE ABERRATION**
[54] **SYSTEME DE LENTILLE DE CONTACT A CONFORT OPTIMISE DESTINEE A CORRIGER L'ABERRATION DE L'OEIL SYMETRIQUE NON ROTATIONNELLE**
[72] JUBIN, PHILIPPE F., US
[72] MICHALSKI, JAMES, US
[72] OLIVARES-PETITO, GIOVANNA, US
[72] STRAKER, BENJAMIN J. K., US
[72] GERLIGAND, PIERRE-YVES, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **METHOD OF APPLYING AGRICULTURAL COMPOSITIONS**
[54] **PROCEDE D'APPLICATION DE COMPOSITIONS AGRICOLES**
[72] MAGIDOW, LILLIAN C., US
[72] GEDNALSKE, JOE V., US
[72] DAHL, GREGORY KEITH, US
[72] SPANDL, ERIC P., US
[72] GOEDE, ANTHONY, US
[71] WINFIELD SOLUTIONS, LLC, US
[22] 2016-05-27
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[25] EN
[54] **COMPOUND ENGINE ASSEMBLY WITH EXHAUST PIPE NOZZLE**
[54] **ENSEMBLE MOTEUR COMBINE COMPORTANT UNE BUSE DE TUYAU D'ECHAPPEMENT**
[72] JULIEN, ANDRE, CA
[72] BILODEAU, JADE, CA
[72] BESNER, RENAUD, CA
[72] DUSSAULT, SERGE, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[54] **METAL-LOADED ZEOLITE CATALYSTS FOR THE HALOGEN-FREE CONVERSION OF DIMETHYL ETHER TO METHYL ACETATE**
[54] **CATALYSEURS A ZEOLITE CHARGES DE METAL DESTINES A LA CONVERSION SANS HALOGENE D'ETHER DIMETHYLE EN ACETATE DIMETHYLE**
[72] REULE, ALLEN ARTUR CARL, CA
[72] SEMAGINA, NATALIA, CA
[72] CHORNET, ESTEBAN, CA
[71] ENERKEM, INC., CA
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[54] **DATA ACQUISITION SYSTEM FOR A SEED PLANTER**
[54] **SYSTEME D'ACQUISITION DE DONNEES DESTINE A UNE SEMEUSE**
[72] MCCLOSKEY, ROBERT CRAIG, CA
[71] MCCLOSKEY, ROBERT CRAIG, CA
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[25] EN
[54] **SYSTEM AND METHOD FOR LOCATING DEVICES IN PREDETERMINED PREMISES**
[54] **SYSTEME ET METHODE PERMETTANT DE LOCALISER DES DISPOSITIFS DANS DES LIEUX PREDETERMINES**
[72] CHIDANANDA, BASAVANI SURESH, US
[72] NAARAKATHIL, SREEJITH, US
[71] HONEYWELL INTERNATIONAL INC., US
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[41] 2016-12-11
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[54] **SURFACTANT COMPOSITION AND METHOD FOR TREATING BITUMEN FROTH**
[54] **COMPOSITION DE SURFACTANT ET METHODE DE TRAITEMENT DE MOUSSE DE BITUME**
[72] KYLLONEN, LASSE, FI
[72] AUJLA, SUKHJIT, US
[72] FOURNIER, FRANCES, US
[72] FENDERSON, TOM, CA
[72] KING, ALISTAIR, FI
[72] SKLAVOUNOS, EVANGELOS, FI
[71] KEMIRA OYJ, FI
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[54] **PROPELLER ASSEMBLIES AND PROPELLER BLADE RETENTION ASSEMBLY**
[54] **MECANISMES D'HELICE ET DISPOSITIF DE RETENUE DE PALE D'HELICE**
[72] PAWAR, RAJENDRA VISHWANATH, IN
[72] GANIGER, RAVINDRA SHANKAR, IN
[72] PERIASAMY, MURUGESAN, IN
[72] YAMARTHI, DAVID RAJU, IN
[72] KUMAR, SANDEEP, IN
[72] KURVINKOP, AMIT ARVIND, IN
[72] AGRAWAL, BAJARANG, IN
[72] G, NAGASHIRESHA, IN
[71] GE AVIATION SYSTEMS LLC, US
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[54] **FABRIC FILTER AND METHOD FOR CLEANING A FABRIC FILTER**
[54] **FILTRE EN TISSU ET METHODE DE NETTOYAGE DE FILTRE EN TISSU**
[72] APPELO, PER-ERIK ALBERT, US
[72] MOESTAM, PER ROBERT, SE
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2016-06-02
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[54] **STRUCTURE ADAPTABLE MOVING DEVICE**
[54] **DISPOSITIF DE DEPLACEMENT ADAPTABLE DE STRUCTURE**
[72] CARRASCO EDGAR, CH
[71] ALSTOM TECHNOLOGY LTD, CH
[22] 2016-06-02
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[54] **SURGICAL INSTRUMENT WITH INTERCHANGEABLE MICRO-TIPS**
[54] **INSTRUMENT CHIRURGICAL DOTE DE MICRO-POINTES INTERCHANGEABLES**
[72] CENICCOLA, ANTHONY, US
[71] COVIDIEN LP, US
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[54] **ADAPTIVE IN-LINE MIXING FOR FLUID FINE TAILINGS FLOCCULATION**
[54] **MELANGE EN LIGNE ADAPTATIF DESTINE A LA FLOCULATION DE RESIDUS FINS LIQUIDES**
[72] BARA, BARRY, CA
[72] MIKULA, RANDY, CA
[72] LORENTZ, JAMES, CA
[71] SYNCRUDE CANADA LTD. IN TRUST FOR THE OWNERS OF THE SYNCRUDE PROJECT AS SUCH OWNERS EXIST NOW AND IN THE FUTURE, CA
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[25] EN
[54] **TREATMENT OF OTSG BLOWDOWN**
[54] **TRAITEMENT DE PURGE DE GENERATEURS DE FLUX A PASSAGE UNIQUE**
[72] SHARMA, RAMESH, US
[72] DINSDALE, TRAVIS, CA
[72] TAYLOR, AMBER J., CA
[72] KOLADE, BABAJIDE, US
[72] LOCKLEAR, JAY, US
[71] CONOCOPHILLIPS COMPANY, US
[22] 2016-06-03
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[54] **BIOMEDICAL ELECTRODE HAVING LOW OXYGEN CONTENT**
[54] **ELECTRODE BIOMEDICALE A FAIBLE TENEUR EN OXYGENE**
[72] FISK, ANDREW E., US
[71] PULSE TECHNOLOGIES, INC., US
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[54] **HYDRAULIC PUMP WITH ELECTRIC GENERATOR**
[54] **POMPE HYDRAULIQUE EQUIPEE D'UN GENERATEUR ELECTRIQUE**
[72] LANDRUM, MICHAEL T., US
[72] BOOTH, DWIGHT, US
[71] SPX FLOW, INC., US
[22] 2016-06-06
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[54] **EXERCISE APPARATUS**
[54] **APPAREIL D'EXERCICE**
[72] NGUYEN, VU, CA
[71] NGUYEN, VU, CA
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[25] EN
[54] **PROCESS FOR THE PRODUCTION OF NEAR STERILE WHEY PROTEIN CONCENTRATES**
[54] **PROCEDE DE PRODUCTION DE CONCENTRES DE PROTEINE DE BLE PRESQUE STERILES**
[72] DORING, SVEN-RAINER, DE
[71] DMK DEUTSCHES MILCHKONTOR GMBH, DE
[22] 2016-06-08
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[54] **POWER CONVERTER SUBMODULE WITH A SHORT-CIRCUIT DEVICE AND POWER CONVERTER HAVING SAME**
[54] **SOUS-MODULE DE CONVERTISSEUR D'ALIMENTATION DOTE D'UN DISPOSITIF DE COURT-CIRCUIT ET CONVERTISSEUR D'ALIMENTATION EQUIPE DUDIT SOUS-MODULE**
[72] GESKE, MARTIN, DE
[72] JANNING, JOERG, DE
[72] BRUECKNER, THOMAS, DE
[72] JAKOB, ROLAND, DE
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
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[54] **MATERIAU COMPOSITE ABSORBANT LAVABLE**
[72] ENGELHARDT, ERIN, CA
[71] ENGELHARDT, ERIN, CA
[22] 2016-06-09
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[25] EN
[54] **VARYING QUANTITIES OF MOTOR POLES FOR NOISE REDUCTION**
[54] **VARIATION DE QUANTITES DE BORNES MOTEURS EN VUE DE LA REDUCTION DU BRUIT**
[72] ARMSTRONG, MICHAEL JAMES, US
[72] BLACKWELDER, MARK JON, US
[72] EAMES, DAVID JOHN HOWARD, US
[72] CHONG, ELLIS FUI HEN, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE PLC, GB
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[54] **LABYRINTH SEAL WITH TUNABLE FLOW SPLITTER**
[54] **JOINT LABYRINTHE DOTE D'UN DIVISEUR DE FLUX MODULABLE**
[72] MUNSON, JOHN, US
[72] BURNSIDE, PHILLIP H., US
[71] ROLLS-ROYCE CORPORATION, US
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[54] **DOOR ASSEMBLY**
[54] **DISPOSITIF DE PORTE**
[72] MACDONALD, KEVIN T., US
[71] ENDURA PRODUCTS, INC., US
[22] 2016-06-10
[41] 2016-12-15
[30] US (62/175,808) 2015-06-15
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Demandes canadiennes mises à la disponibilité du public
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[13] A1
[51] **Int.Cl. E21B 43/00 (2006.01) E21B 49/00 (2006.01)**
[25] FR
[54] **PRODUCTION PROCESS FOR HYDROCARBONS IN A SEDIMENTARY BASSIN COMPRISING CARBONATE ROCKS, BY MEANS OF STRATIGRAPHIC SIMULATION**
[54] **PROCEDE D'EXPLOITATION DES HYDROCARBURES D'UN BASSIN SEDIMENTAIRE COMPORTANT DES ROCHES CARBONATEES, AU MOYEN D'UNE SIMULATION STRATIGRAPHIQUE**
[72] ADELINET, MATHILDE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2016-06-08
[41] 2016-12-12
[30] FR (15 55 389) 2015-06-12

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[13] A1
[51] **Int.Cl. G06Q 10/06 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **DATA PROCESSOR FOR PROJECT DATA**
[54] **DISPOSITIF DE TRAITEMENT DE DONNEES DESTINE AUX DONNEES DE PROJET**
[72] SHARMA, VIBHU S., IN
[72] KAULGUD, VIKRANT S., IN
[72] MANIAR, PARIKSHIT, IN
[72] VOHRA, SANJEEV, IN
[72] MITTAL, SANJAY, IN
[72] SANTHARAM, ARVINDAN THOPPE, IN
[72] BRINKLEY, MICHAEL A., IN
[72] VIRDI, GURDEEP, IN
[72] DURAISAMY SOUNDRAPANDIAN, PRADEEPKUMAR, IN
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-06-10
[41] 2016-12-12
[30] IN (2953/CHE/2015) 2015-06-12
[30] IN (2953/CHE/2015) 2015-11-24

[21] **2,932,748**
[13] A1
[51] **Int.Cl. A47G 33/06 (2006.01)**
[25] EN
[54] **ARTIFICIAL EVERGREEN TREE**
[54] **CONIFERE ARTIFICIEL**
[72] AUSTIN, EVA, US
[72] KINNAIRD, ASHLEY, US
[72] MCMURTRIE, CAROL, US
[72] OWENS, GWEN, US
[72] LUTH, LAURA, US
[72] LAWSON, GARY, US
[72] HEUISLER, MARGARET, US
[72] MONAGRO-STAPLETON, KATHLEEN, US
[72] CAPROW, SANFORD, US
[72] HALL, JACK, US
[72] LEMMON, CHRIS, US
[71] GENERAL FOAM PLASTICS CORPORATION, US
[22] 2016-06-10
[41] 2016-12-12
[30] US (62/174,583) 2015-06-12
[30] US (62/222,153) 2015-09-22
[30] US (62/261,619) 2015-12-01

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[13] A1
[51] **Int.Cl. B60W 40/10 (2012.01) B61L 99/00 (2006.01)**
[25] EN
[54] **ARRIVAL TIME AND LOCATION TARGETING SYSTEM AND METHOD**
[54] **SYSTEME DE CIBLAGE D'HEURE D'ARRIVEE ET D'EMPLACEMENT ET METHODE**
[72] SCHULTZ, TIMOTHY ALLEN, US
[72] SOLLARS, SCOTT A., US
[72] GORMAN, JOSEPH W., US
[72] STEFFEN, MICHAEL W., II, US
[72] SWIDERSKI, FRANK J., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
[22] 2016-06-10
[41] 2016-12-12
[30] US (62/174,859) 2015-06-12
[30] US (15/176,362) 2016-06-08

[21] **2,932,761**
[13] A1
[51] **Int.Cl. C12N 1/20 (2006.01) A01N 63/02 (2006.01) A01P 1/00 (2006.01) A01P 3/00 (2006.01) A01P 7/00 (2006.01) C12N 1/21 (2006.01) C12N 9/54 (2006.01) C12P 1/04 (2006.01) C12Q 1/02 (2006.01) C12Q 1/37 (2006.01) C02F 3/34 (2006.01)**
[25] EN
[54] **ANTIFOULING COMPOSITION AND PROCESS FOR PRODUCTION THEREOF**
[54] **COMPOSITION ANTI SALISSURE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] COSTA, GONCALO, PT
[72] FREIRE, PATRICK, PT
[72] ROMANA, SANTOS, PT
[72] SILVA, ANA CRISTINA, PT
[72] GUINOTE, INES, PT
[71] BIOMIMETX LDA, PT
[22] 2016-06-09
[41] 2016-12-11
[30] US (62/174,349) 2015-06-11

[21] **2,932,774**
[13] A1
[51] **Int.Cl. B25J 13/00 (2006.01) B25J 9/00 (2006.01)**
[25] EN
[54] **DEVICE FOR CONVERTING A MODULE OF A STATION FOR CONTROL OF INDUSTRIAL ROBOTS INTO AN INDEPENDENT CONTROL UNIT**
[54] **DISPOSITIF DE CONVERSION D'UN MODULE D'UN POSTE DE COMMANDE DE ROBOTS INDUSTRIELS EN UN MODULE DE COMMANDE INDEPENDANT**
[72] BORDEGNONI, STEFANO, IT
[72] CINIELLO, FRANCESCO, IT
[71] COMAU S.P.A., IT
[22] 2016-06-08
[41] 2016-12-15
[30] IT (102015000023725) 2015-06-15

[21] **2,932,778**
[13] A1
[51] **Int.Cl. F16L 41/02 (2006.01)**
[25] EN
[54] **PIPE FITTING**
[54] **RACCORD DE TUYAU**
[72] DAUGHTERS, DANA L., US
[71] DAUGHTERS, DANA L., US
[22] 2016-06-13
[41] 2016-12-11
[30] US (62/174,033) 2015-06-11

[21] **2,932,779**
[13] A1
[51] **Int.Cl. E02D 5/80 (2006.01) E02D 27/50 (2006.01)**
[25] EN
[54] **STABILIZER ANCHOR ASSEMBLY FOR MANUFACTURED BUILDING**
[54] **DISPOSITIF D'ANCRAGE DE STABILISATEUR DESTINE AUX CONSTRUCTIONS FABRIQUEES**
[72] OLIVER, SCOTT, US
[72] OLIVER, JOHN A., US
[72] OLIVER, DANIEL, US
[71] OLIVER TECHNOLOGIES, INC., US
[22] 2016-06-13
[41] 2016-12-12
[30] US (62/175,116) 2015-06-12

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[13] A1
[51] **Int.Cl. G01C 9/00 (2006.01) A63F 13/211 (2014.01)**
[25] EN
[54] **ORIENTATION MODEL FOR INERTIAL DEVICES**
[54] **MODELE D'ORIENTATION POUR DISPOSITIFS INERTIELS**
[72] SARBISHEI, OMID, CA
[71] 7725965 CANADA INC., CA
[22] 2016-06-10
[41] 2016-12-12
[30] US (62/174,765) 2015-06-12

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[51] **Int.Cl. B60J 11/06 (2006.01) B60J 1/20 (2006.01) E04F 10/00 (2006.01)**
[25] EN
[54] **RETRACTABLE AWNING AND WINDOW FRAME ASSEMBLY**
[54] **ENSEMBLE D'AUVENT RETRACTABLE ET DE CADRE DE FENETRE**
[72] CHASE, JEFFREY, US
[72] DAME, DENNIS, US
[72] CHASE, BENJAMIN, US
[72] CRABTREE, STEFAN, US
[71] COMPOSITE SOLUTIONS, INC., US
[22] 2016-06-10
[41] 2016-12-11
[30] US (62/174,438) 2015-06-11

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[13] A1
[51] **Int.Cl. F24C 7/02 (2006.01) H05B 6/48 (2006.01)**
[25] EN
[54] **MICROWAVE HOUSEHOLD OR COMMERCIAL APPLIANCE**
[54] **APPAREIL A MICROONDES DOMESTIQUE OU COMMERCIAL**
[72] PIN, GILBERTO, IT
[72] MORASSUT, ALESSANDRO, IT
[72] PENNASILICO, MATTIA, IT
[71] ELECTROLUX PROFESSIONAL S.P.A., IT
[22] 2016-06-08
[41] 2016-12-12
[30] EP (15171824.4) 2015-06-12

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[13] A1
[51] **Int.Cl. A47B 21/02 (2006.01) A47B 91/02 (2006.01) A47B 96/00 (2006.01)**
[25] EN
[54] **HEIGHT-ADJUSTABLE FURNITURE PIECE**
[54] **PIECE DE MEUBLE AJUSTABLE EN HAUTEUR**
[72] KRUGER, PAUL FREDERICK, CA
[72] SINCLAIR, ADAM DOUGLAS HAWORTH, CA
[71] TEKNION LIMITED, CA
[22] 2016-06-09
[41] 2016-12-12
[30] US (62/175069) 2015-06-12

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[13] A1
[51] **Int.Cl. E04H 12/00 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **UTILITY OR METER POLE TOP REINFORCEMENT METHOD AND APPARATUS**
[54] **APPAREIL ET PROCEDE DE RENFORCEMENT DE DESSUS DE BORNE DE COMPTEUR OU DE SERVICE PUBLIC**
[72] BUTLER, ROBERT P., US
[71] PLS TECHNOLOGIES, INC., US
[22] 2016-06-09
[41] 2016-12-12
[30] US (14/737,779) 2015-06-12
[30] US (15/055,832) 2016-02-29

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[21] **2,932,806**
[13] A1
[51] **Int.Cl. B65B 69/00 (2006.01) A01F 29/00 (2006.01)**
[25] EN
[54] **BALE PROCESSOR AND BINDING REMOVER**
[54] **APPAREIL DE TRAITEMENT DE BALLE ET DISPOSITIF D'ENLEVEMENT DE LIEN**
[72] STEENHOEK, CURTIS J., US
[72] VERHOEF, GARY, US
[72] DYKEMA, MATTHEW WILLIAM, US
[72] JOHNSON, BRIAN MICHAEL, US
[72] MOFFET, GARY D., US
[72] VAN ROEKEL, JAY C., US
[72] WEISHAAR, SCOTT A., US
[72] GARDNER, JOHN G., US
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2016-06-10
[41] 2016-12-12
[30] US (62/175,031) 2015-06-12

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[13] A1
[51] **Int.Cl. C02F 11/00 (2006.01) C02F 1/66 (2006.01) C05F 7/00 (2006.01)**
[25] EN
[54] **PROCEDURE FOR STABILIZING HIGH PH LEVELS IN BIOSOLIDS-CONTAINING PROCESSED SEWAGE PRODUCT**
[54] **PROCEDURE DE STABILISATION DE NIVEAUX ELEVES DE PH DANS LES PRODUITS D'EGOUT TRAITES RENFERMANT DES BIOSOLIDES**
[72] WARD, OWEN P., CA
[71] LYSTEK INTERNATIONAL INC., CA
[22] 2016-06-13
[41] 2016-12-11
[30] GB (1510219.7) 2015-06-11

[21] **2,932,908**
[13] A1
[51] **Int.Cl. B60W 10/02 (2006.01) B60W 10/101 (2012.01) B60W 10/06 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM OF VEHICLE**
[54] **SYSTEME DE COMMANDE DE VEHICULE**
[72] KIMURA, KENTA, JP
[72] ITO, YOSHIO, JP
[72] YANAGIDA, TOMOAKI, JP
[72] NAGASATO, YU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2016-06-14
[41] 2016-12-16
[30] JP (2015-121496) 2015-06-16

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[21] **2,932,919**
[13] A1
[51] **Int.Cl. B65B 35/56 (2006.01) B65G 47/26 (2006.01)**
[25] EN
[54] **GROUPING OF GOODS**
[54] **REGROUPEMENT DE BIENS**
[72] ANDERS, DANIEL, DE
[72] ELSPAB, RENE, DE
[71] WIPOTEC WIEGE- AND POSITIONIERSYSTEM GMBH, DE
[22] 2016-06-14
[41] 2016-12-15
[30] DE (10 2015 109 556.4) 2015-06-15
[30] DE (10 2015 113 021.1) 2015-08-07

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[13] A1
[51] **Int.Cl. G07C 11/00 (2006.01) H04W 12/10 (2009.01) H04W 88/04 (2009.01) G06F 21/44 (2013.01) G07F 7/08 (2006.01)**
[25] EN
[54] **METHOD FOR DETECTING A FRAUDULENT TERMINAL BY MEANS OF CRYPTOGRAM, CORRESPONDING DEVICE AND PROGRAM**
[54] **METHODE DE DETECTION DE TERMINAL FRAUDULEUX AU MOYEN DE CRYPTOGRAMME, DISPOSITIF ET PROGRAMME CORRESPONDANTS**
[72] MAYER, M. LAURENT, FR
[71] INGENICO GROUP, FR
[22] 2016-06-13
[41] 2016-12-15
[30] FR (1555434) 2015-06-15

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[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) G06Q 20/40 (2012.01) G07F 13/00 (2006.01)**
[25] EN
[54] **IN-VEHICLE DATA ENTRY**
[54] **ENTREE DE DONNEES A BORD DE VEHICULE**
[72] BETANCOURT, ERNEST, US
[72] PESCHIO, VINCE, US
[71] EPONA, LLC, US
[22] 2016-06-14
[41] 2016-12-15
[30] US (14/739,683) 2015-06-15

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[13] A1
[51] **Int.Cl. G01S 13/74 (2006.01)**
[25] EN
[54] **INDOOR POSITIONING AND COMMUNICATIONS SYSTEM**
[54] **SYSTEME DE POSITIONNEMENT ET DE COMMUNICATION INTERIEURS**
[72] GIORDANO, JOHN, CA
[72] GORDON, MARK A., CA
[72] MOROZ, KEVIN, US
[72] RAWAL, PRATIK, CA
[72] LICA, VADIM, CA
[71] LIVESENTINEL, INC., US
[22] 2016-06-10
[41] 2016-12-11
[30] US (62/174,220) 2015-06-11

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[13] A1
[51] **Int.Cl. G06K 9/62 (2006.01) G06F 17/30 (2006.01) G06T 1/00 (2006.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **IMAGE DIRECTED SEARCH**
[54] **RECHERCHE ORIENTEE SUR UNE IMAGE**
[72] FOLKENS, BRADFORD A., US
[72] MAZUR, DOMINIK K., US
[71] CAMFIND, INC., US
[22] 2016-06-13
[41] 2016-12-17
[30] US (62/180,619) 2015-06-17

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[21] **2,932,996**
[13] A1
[51] **Int.Cl. C09K 8/536 (2006.01) E21B 37/06 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR FILTER CAKE REMOVAL**
[54] **COMPOSITIONS ET METHODES D'EXTRACTION DE GATEAU DE BOUES**
[72] SOCCI, DANIEL J., US
[72] HOLCOMB, JENNIFER L., US
[71] ETHICAL SOLUTIONS, LLC, US
[22] 2016-06-10
[41] 2016-12-15
[30] US (62/175,817) 2015-06-15
[30] US (62/232,984) 2015-09-25

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[13] A1
[51] **Int.Cl. C07D 401/04 (2006.01) A61K 49/10 (2006.01) C07D 213/53 (2006.01) C07D 498/08 (2006.01) C07D 519/00 (2006.01) C07J 43/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOUNDS FOR ENHANCING CONTRAST IN MAGNETIC RESONANCE IMAGING (MRI)**
[54] **METHODES ET COMPOSES DESTINES A AMELIORER LE CONTRASTE EN IMAGERIE PAR RESONNANCE MAGNETIQUE (IRM)**
[72] PILKINGTON, MELANIE, CA
[72] STARES, EMMA LOUISE, US
[71] BROCK UNIVERSITY, CA
[22] 2016-06-10
[41] 2016-12-12
[30] US (62/174752) 2015-06-12

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[13] A1
[51] **Int.Cl. A61M 25/04 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **OPEN-PORE BALLOON CATHETER**
[54] **CATHETER A BALLON A PORE OUVERT**
[72] LOSKE, GUNNAR, DE
[71] LOHMANN & RAUSCHER GMBH, AT
[22] 2016-06-13
[41] 2016-12-11
[30] EP (15 001 736.6) 2015-06-11

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[13] A1
[51] **Int.Cl. B32B 37/15 (2006.01) B32B 11/02 (2006.01) B32B 37/24 (2006.01) E04D 1/12 (2006.01)**
[25] EN
[54] **PROCESS FOR IN-LINE EXTRUSION OF COATINGS ONTO ROOFING SHINGLES DURING MANUFACTURING AND ROOFING SHINGLES MADE BY THE PROCESS**
[54] **PROCEDE D'EXTRUSION EN LIGNE DE REVETEMENTS SUR DES BARDEAUX DE TOITURE PENDANT LA FABRICATION ET BARDEAUX DE TOITURE FAITS SELON LE PROCEDE**
[72] LEITCH, OLAN THOMAS, US
[72] KEATEN, MARK LOGAN, US
[72] KIIK, MATTI, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2016-06-15
[41] 2016-12-16
[30] US (62/180,377) 2015-06-16
[30] US (62/296,903) 2016-02-18
[30] US (15/180,940) 2016-06-13

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[13] A1
[51] **Int.Cl. A01F 15/08 (2006.01) A01F 15/00 (2006.01) B30B 9/30 (2006.01)**
[25] EN
[54] **ROUND BALER HAVING A SENSOR FOR DETECTING THE BALE SIZE**
[54] **PRESSE A FOURRAGE RONDE COMPORTANT UN CAPTEUR SERVANT A DETECTER LA TAILLE DU BALLOT**
[72] MERCIER, JEAN-ALEXIS, FR
[72] GUERIN, SEBASTIEN, FR
[72] BIZIOREK, STEPHANE, FR
[71] DEERE & COMPANY, US
[22] 2016-06-15
[41] 2016-12-16
[30] DE (102015 211 035.4) 2015-06-16

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[13] A1
[51] **Int.Cl. B02C 13/00 (2006.01)**
[25] EN
[54] **DEVICE AND GRINDING TOOL FOR COMMINUTING FEED MATERIAL**
[54] **APPAREIL ET OUTIL DE MEULAGE SERVANT A BROYER UNE MATIERE PREMIERE**
[72] PALLMANN, HARTMUT, DE
[72] ALLES, BERTHOLD, DE
[71] PALLMANN MASCHINENFABRIK GMBH & CO. KG, DE
[22] 2016-06-15
[41] 2016-12-15
[30] DE (10 2015 007 435.0) 2015-06-15

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[13] A1
[51] **Int.Cl. C09J 133/08 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **PRESSURE-SENSITIVE ADHESIVE COMPOSITION**
[54] **COMPOSITION ADHESIVE SENSIBLE A LA PRESSION**
[72] SUZUKI, TATSUYA, JP
[72] KAMIYA, KATSUHIKO, JP
[72] SHIGETOMI, KIYOE, JP
[72] HOSHINO, SHINJI, JP
[71] NITTO DENKO CORPORATION, JP
[22] 2016-06-15
[41] 2016-12-16
[30] JP (2015-121508) 2015-06-16
[30] JP (2016-096684) 2016-05-13

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[13] A1
[51] **Int.Cl. H05K 7/18 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **FRAME AND INPUT AND OUTPUT DEVICE COMPRISING SAID FRAME**
[54] **CADRE ET DISPOSITIF D'ENTREE ET SORTIE COMPRENANT LEDIT CADRE**
[72] ESTERBAUER, HERMANN, AT
[72] WIMMER, JOHANN, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[22] 2016-06-14
[41] 2016-12-15
[30] AT (A50490/2015) 2015-06-15

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[13] A1
[51] **Int.Cl. B29C 45/14 (2006.01) B29C 45/16 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR APPLYING AN INJECTION MOULDED PART TO A FINISHED PRODUCTION PART**
[54] **METHODE ET APPAREIL SERVANT A APPLIQUER UNE PIECE MOULEE PAR INJECTION A UNE PIECE DE PRODUCTION FINIE**
[72] BUCHANAN, VANCE PHILIP, CA
[72] TARRANT, CHRISTOPHER FRANCIS, CA
[71] EXCO TECHNOLOGIES LIMITED DBA NEOCON, CA
[22] 2016-06-15
[41] 2016-12-15
[30] US (62/175,515) 2015-06-15

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[13] A1
[51] **Int.Cl. F02B 53/14 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02B 37/02 (2006.01) F02B 41/10 (2006.01)**
[25] EN
[54] **COMPOUND CYCLE ENGINE**
[54] **MOTEUR A CYCLE COMBINE**
[72] THOMASSIN, JEAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-06-14
[41] 2016-12-16
[30] US (14/740,869) 2015-06-16

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[13] A1
[51] **Int.Cl. F02B 53/14 (2006.01) F01C 1/22 (2006.01) F02B 33/40 (2006.01) F02B 37/02 (2006.01) F02B 41/10 (2006.01)**
[25] EN
[54] **COMPOUND CYCLE ENGINE**
[54] **MOTEUR A CYCLE COMBINE**
[72] BOLDUC, SEBASTIEN, CA
[72] FONTAINE, MIKE, CA
[72] LANDRY, LUC, CA
[72] THOMASSIN, JEAN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-06-14
[41] 2016-12-16
[30] US (14/740,878) 2015-06-16

[21] **2,933,115**
[13] A1
[51] **Int.Cl. H04L 12/24 (2006.01) H02J 9/06 (2006.01) H04L 29/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO IMPROVE NETWORK RELIABILITY**
[54] **SYSTEME ET METHODE DESTINES A AMELIORER LA FIABILITE D'UN RESEAU**
[72] FALLON, RAYMOND M., IE
[72] COHEN, DANIEL C., US
[72] PENDLETON, NOAH L., US
[72] HANNON, SARAH JANE, IE
[72] HSIA, GEORGE, TW
[72] SOHLBERG-SILTANEN, HEIDI, IE
[71] SCHNEIDER ELECTRIC IT CORPORATION, US
[22] 2016-06-14
[41] 2016-12-15
[30] US (14/739,466) 2015-06-15

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[13] A1
[51] **Int.Cl. F16D 3/16 (2006.01)**
[25] EN
[54] **JOINT YOKE FOR A UNIVERSAL JOINT AND UNIVERSAL JOINT**
[54] **COLLET DE JOINT DESTINE A UN JOINT UNIVERSEL ET JOINT UNIVERSEL**
[72] ERLMANN, NIKOLAUS MARTIN, DE
[71] SPICER GELENKWELLENBAU GMBH, DE
[22] 2016-06-15
[41] 2016-12-15
[30] DE (10 2015 109546.7) 2015-06-15

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[13] A1
[51] **Int.Cl. E21B 43/28 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **SALT CAVERN WASHING WITH DESALINATION AND RECYCLING OF WATER**
[54] **LESSIVAGE DE CAVERNE DE SEL AU MOYEN DE LA DESALINISATION ET DU RECYCLAGE DE L'EAU**
[72] KONDO, TAD, CA
[72] CLARK, GILLIAN, GB
[72] VANDAL, BRYAN, CA
[71] ATHABASCA OIL CORPORATION, CA
[22] 2016-06-14
[41] 2016-12-15
[30] US (62/175,594) 2015-06-15

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[54] **ENSEMBLE DE SOMMIER ET MATELAS A VENTILATION**
[72] REYNOLDS, RANDY, US
[71] NEVEN SLEEP, LLC, US
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[54] **SCALABLE METHODS FOR ANALYZING FORMALIZED REQUIREMENTS AND LOCALIZING ERRORS**
[54] **METHODES QUANTIFIABLES SERVANT A ANALYSER DES EXIGENCES FORMALISEES ET A REPERER LES ERREURS**
[72] MANOLIOS, PANAGIOTIS, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **METHOD FOR OPERATING A LANDING GEAR SYSTEM**
[54] **METHODE D'EXPLOITATION D'UN MECANISME DE TRAIN D'ATTERRISSAGE**
[72] ABARCA LOPEZ, RAMON, ES
[72] BARTH, MARCUS, ES
[72] WOOD, NORMAN, GB
[71] AIRBUS OPERATIONS, S.L., ES
[71] AIRBUS OPERATIONS S.A.S., ES
[71] AIRBUS OPERATIONS LTD., GB
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[54] **ANTENNE DE COMMUNICATION SANS CONTACT DESTINEE A DES TERMINAUX DE PAIEMENT**
[72] ANDRE, JEROME, FR
[72] HERNANDEZ, VINCENT, FR
[71] INGENICO GROUP, FR
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[54] **PORTABLE DETECTION APPARATUS AND METHOD**
[54] **APPAREIL DE DETECTION PORTABLE ET METHODE**
[72] BRIDEN, NEIL ANTHONY, CA
[72] ETHIER, ADRIENNE LYNN MCKAY, CA
[72] LEESON, PAUL KENYON, CA
[72] VANDAL, JOEL, CA
[71] ATOMIC ENERGY OF CANADA LIMITED / ENERGIE ATOMIQUE DU CANADA LIMITEE, CA
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[25] EN
[54] **PUSHING-PULLING SUNSHADE LEANING AGAINST WALL**
[54] **TOILE A POUSSER-TIRER S'APPUYANT CONTRE UN MUR**
[72] SHI, FENG, CN
[72] MENG, XIANGHUI, CN
[72] GENG, NA, CN
[72] SUN, XINCHENG, CN
[72] LIU, FANJUN, CN
[72] WANG, JUNXIANG, CN
[71] SHANDONG TAIPENG HOME PRODUCTS CO., LTD., CN
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[54] **MANIPULATOR FOR MOVEMENT OF ARTICLES IN A CONTROLLED ENVIRONMENT CHAMBER**
[54] **MANIPULATEUR DE MOUVEMENT D'ARTICLES DANS UNE CHAMBRE A ENVIRONNEMENT CONTROLE**
[72] CHILDS, MONTGOMERY WILLIAM, CA
[71] CHILDS, MONTGOMERY WILLIAM, CA
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[54] **BI-FUNCTIONAL NONWOVEN MAT USED IN AGM LEAD-ACID BATTERIES**
[54] **TAPIS NON-TISSE BI-FONCTIONNEL EMPLOYE DANS LES BATTERIES AU PLOMB ACIDE AGM**
[72] GUO, ZHIHUA, US
[72] SHARMA, GAUTAM, US
[72] NANDI, SOUVIK, US
[72] ASRAR, JAWED, US
[72] DIETZ, ALBERT G., III, US
[71] JOHNS MANVILLE, US
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[54] **COMPONENT FOR THE PROTECTION OF SENSITIVE SIGNALS, CORRESPONDING DEVICE AND METHOD**
[54] **COMPOSANTE DE PROTECTION DE SIGNAUX SENSIBLES, DISPOSITIF CORRESPONDANT ET METHODE**
[72] ROSSIGNOL, MICHEL, FR
[72] BERTHIAUD, OLIVIER, FR
[71] INGENICO GROUP, FR
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[54] **PORTABLE APPARATUS AND METHOD FOR DISPLACING SNOW OR SIMILAR MATERIAL**
[54] **APPAREIL PORTABLE ET METHODE DE DEPLACEMENT DE NEIGE OU DE MATIERE SIMILAIRE**
[72] YUN, QIANFENG, CA
[71] YUN, QIANFENG, CA
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[51] **Int.Cl. F41J 1/10 (2006.01) F41J 11/02 (2009.01) A63B 63/00 (2006.01)**
[25] EN
[54] **TARGET ATTACHMENT SYSTEMS, MAIN FRAME FOR RECEIVING DIFFERENT TARGET ATTACHMENT SYSTEMS AND METHODS OF USING THE SAME**
[54] **MECANISMES DE FIXATION DE CIBLE, STRUCTURE PRINCIPALE DESTINEE A RECEVOIR DIFFERENTS MECANISMES DE FIXATION DE CIBLE ET METHODE D'UTILISATION ASSOCIEE**
[72] COTE, ETIENNE, CA
[72] COTE, ALEXANDRE, CA
[71] SYSTEMES XMETAL TARGETS, CA
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[54] **DATA ACCELERATION**
[54] **ACCELERATION DES DONNEES**
[72] DELL'ANNO, VINCENT, US
[72] PARTHASARATHY, SONALI, US
[72] DUKATZ, CARL M., US
[72] PURI, COLIN ANIL, US
[72] SHETTERLEY, NATHAN, US
[72] KURTH, SCOTT, US
[72] WENDT, MICHAEL, US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **EVENT ANOMALY ANALYSIS AND PREDICTION**
[54] **ANALYSE ET PREDICTION D'ANOMALIE D'EVENEMENT**
[72] PURI, COLIN ANIL, US
[72] JOYCE, PATRICK, US
[72] HUMPERT, BRANDON EUGENE, US
[72] JOHNSON, STEPHEN DAVID, US
[72] CRAIGHEAD, JONTE DEMETRIO, US
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[25] EN
[54] **MODULAR REMOTE POWER GENERATION AND TRANSMISSION FOR HYDRAULIC FRACTURING SYSTEM**
[54] **GENERATION ET TRANSMISSION D'ALIMENTATION DISTANTE MODULAIRE DESTINEES A UN SYSTEME DE FRACTURATION HYDRAULIQUE**
[72] OEHRING, JARED, US
[72] HINDERLITER, BRANDON NEIL, US
[71] US WELL SERVICES LLC, US
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[54] **PATCH PREPARATION**
[54] **PREPARATION DE PIECE DE REPARATION**
[72] TACHIKAWA, YU, JP
[72] AMEYAMA, SATOSHI, JP
[72] ABE, ERIKO, JP
[72] NAKAMURA, TETSUYA, JP
[72] URUSHIHARA, NAOKO, JP
[72] ISHIKURA, JUN, JP
[72] AOYAGI, KAZUHIRO, JP
[72] INOUE, YOSHITAKA, JP
[72] YOKOUCHI, AKIRA, JP
[72] TANAKA, TOMOYA, JP
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[54] **LANCEUR DE PISTON RACLEUR FLUIDIQUE ET METHODE D'UTILISATION ASSOCIEE**
[72] POE, ROGER, US
[72] SMITH, WOODY, US
[72] MITCHELL, JOSHUA D., US
[71] TDW DELAWARE, INC., US
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[54] **CHEMICAL INJECTION AND CONTROL SYSTEM AND METHOD FOR CONTROLLING CHLORAMINES**
[54] **SYSTEME DE CONTROLE ET D'INJECTION DE PRODUIT CHIMIQUE ET METHODE DE CONTROLE DES CHLORAMINES**
[72] SIMMONS, BRENT A., US
[71] PROCESS SOLUTIONS, INC., US
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[54] **METHOD AND SYSTEM FOR POWER SIGNATURE SUPPRESSION IN MEMORY DEVICES**
[54] **METHODE ET SYSTEME DE SUPPRESSION DE SIGNATURE D'ALIMENTATION DANS LES DISPOSITIFS MEMOIRE**
[72] KURJANOWICZ, WLODEK, CA
[72] HOLD, BETINA, CA
[71] SIDENSE CORP., CA
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[54] **DRILL STEM SAFETY VALVE ACTUATOR**
[54] **ACTIONNEUR DE VANNE DE SECURITE DE TIGE DE FORAGE**
[72] STANDBRIDGE, TONY CHARLES LEON, CA
[72] CHAPITAL, JORGE PABLO, CA
[72] EPHRAIM, AARON BEN, CA
[72] AHMADIMOGHADDAM, HAMIDREZA, CA
[72] SAGARE, AMOL JAGADISH, CA
[72] HOHL, TOD MICHAEL, CA
[72] RABBY, PATRICK, CA
[72] BRISBANE, BRIAN JAMES, CA
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[51] **Int.Cl. F16F 1/04 (2006.01) F16F 1/06 (2006.01) F41A 9/70 (2006.01)**
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[54] **TELESCOPING CONTROLLED FORCE SPRING**
[54] **RESSORT DE FORCE CONTROLE DE MANIERE TELESCOPIQUE**
[72] CROSS, DAVID, CA
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[54] **CURTAIN WALL SYSTEM WITH ANTI-ROLLING SHEAR BLOCK**
[54] **SYSTEME DE RIDEAU MURAL DOTE D'UN MECANISME DE BLOCAGE PAR CISAILLEMENT ANTI ENROULEMENT**
[72] BARBULESCU, ION-HORATIU, US
[72] HOOPER, WILLIAM J., US
[72] HARTWELL, CHRISTOPHER R., US
[71] ALCOA INC., US
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[54] **HEATED HAIR PADDLE**
[54] **BROSSE PLATE CHAUFFEE**
[72] POTTS, SIMON ANDREW, GB
[72] HICKS, VIRGINIA LOUISE, GB
[71] BABYLISS FACO SPRL, BE
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[51] **Int.Cl. G01B 3/10 (2006.01)**
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[54] **FLEXCALIPER TAPE MEASURE WITH DOUBLE-SIDED CASE-ACCOMODATING SCALE, UPTURNED TONGUE AND SQUARED-OFF CASE FOR INSIDE AND OUTSIDE MEASUREMENTS**
[54] **RUBAN A MESURER A COMPAS SOUPLE DOTE D'UNE ECHELLE COMPORTANT UN BOITIER A DEUX COTES, UNE LANGUETTE INVERSEE ET UN BOITIER CARRE POUR DES MESURES INTERIEURE ET EXTERIEURE**
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[71] CADIGAN, GEORGE, CA
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[54] **CUISEUR A VAPEUR**
[72] LEUNG, KIT LUN TONY, CN
[71] CONAIR CORPORATION, US
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[54] **PEIGNE ELECTRIQUE EN FORME DE VAGUE DESTINE AU RAIDISSEMENT DES CHEVEUX**
[72] XIAODONG, HE, CN
[71] ZHUHAI JINDAO ELECTRIC APPLIANCE CO., LTD., CN
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[25] EN
[54] **PROCESS FOR REJUVENATING HYDROTREATING CATALYSTS**
[54] **PROCEDE DE REGENERATION DE CATALYSEURS D'HYDROTRAITEMENT**
[72] VINCENT, GUILLAUME, FR
[72] SEAMANS, JAMES DALLAS, US
[71] CATALYST RECOVERY EUROPE S.A., LU
[85] 2016-09-26
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[54] **PROCEDE DE REGENERATION DE CATALYSEUR D'HYDRORAFFINAGE**
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[72] SEAMANS, JAMES DALLAS, US
[71] CATALYST RECOVERY EUROPE S.A., LU
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[54] **FERMETURE DE DISTRIBUTION DE DOSE**
[72] HOLROYD, SIMON, GB
[72] LAAKSO, AKI HANNU EINARI, GB
[72] PELAYO, XORGE CASTRO, GB
[72] STRUTT, BENJAMIN JOHN, GB
[71] RECKITT BENCKISER (BRANDS) LIMITED, GB
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[25] EN
[54] **APPARATUS AND METHOD FOR SYNCHRONOUS MULTIPLEXING AND MULTIPLE ACCESS FOR DIFFERENT LATENCY TARGETS UTILIZING THIN CONTROL**
[54] **APPAREIL ET PROCEDE DE MULTIPLEXAGE ET D'ACCES MULTIPLE SYNCHRONES POUR DIFFERENTES CIBLES DE LATENCE A L'AIDE DE COMMANDE MINCE**
[72] JI, TINGFANG, US
[72] SMEE, JOHN EDWARD, US
[72] SORIAGA, JOSEPH BINAMIRA, US
[72] BHUSHAN, NAGA, US
[72] GAAL, PETER, US
[72] GOROKHOV, ALEXEI YURIEVITCH, US
[72] MUKKAVILLI, KRISHNA KIRAN, US
[72] HOWARD, MICHAEL ALEXANDER, US
[72] COOPER, ROTEM, US
[72] ANG, PETER, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD FOR TRANSFERRING BOTTOM LABELS AND WRAPAROUND LABELS INTO AN INJECTION MOULD AND DEVICE, SUITABLE FOR THIS PURPOSE, FOR PRODUCING INJECTION-MOULDED PARTS PROVIDED WITH BOTTOM LABELS AND WRAPAROUND LABELS**
[54] **PROCEDE DE TRANSFERT D'ETIQUETTES DE FOND ET D'ETIQUETTES DE POURTOUR DANS UN MOULE D'INJECTION ET DISPOSITIF APPROPRIE A CET EFFET POUR FABRIQUER DES PIECES MOULEES PAR INJECTIONMUNIES D'ETIQUETTES DE FOND ET DE POURTOUR**
[72] DOBLER, DANIEL, DE
[71] SONOCO DEVELOPMENT INC., US
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[54] **AN INNER FRAME BLANK**
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[72] GIBSON, PAUL, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **CAPSULE POUR PRODUITS D'INFUSION, EN PARTICULIER DU CAFE**
[72] RONDELLI, RAFFAELE, IT
[71] MACCHIAVELLI S.R.L., IT
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[54] **CHEMICAL ADDITIVE PACKAGE**
[54] **CONDITIONNEMENT POUR ADDITIF CHIMIQUE**
[72] KALAGHER, THOMAS G., US
[71] PRESTONE PRODUCTS CORPORATION, US
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[51] **Int.Cl. B65D 5/54 (2006.01) B65D 19/02 (2006.01)**
[25] EN
[54] **SHELF READY PACKAGING HAVING STRUCTURAL INTEGRITY, AND PROCESSES FOR MAKING THEM**
[54] **EMBALLAGE PRET A VENDRE AYANT UNE INTEGRITE STRUCTURALE ET PROCEDES DE FABRICATION DE CET EMBALLAGE**
[72] ARMIENTO, COSTANTINO, BE
[72] CATTHOOR, LUC VICTOIRE ALOYS-ALBERT, BE
[72] HUANG, GANG, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **A METHOD AND AN ARRANGEMENT FOR DETERMINING A DEGREE OF FULLNESS OF A LARGE GRINDING MILL DRUM, AND A LARGE GRINDING MILL DRUM**
[54] **PROCEDE ET AGENCEMENT POUR DETERMINER UN DEGRE DE REMPLISSAGE D'UN GRAND TAMBOUR DE BROYEUR ET GRAND TAMBOUR DE BROYEUR**
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[72] PORKKA, ESA, FI
[72] VATANSKI, NIKOLAI, FI
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[54] **ENSEMBLE PERMETTANT DE RELIER UN ENSEMBLE PROTHETIQUE D'UNE ARTICULATION ARTIFICIELLE A UN OS**
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[54] **PROCEDE ET APPAREIL DE DISTRIBUTION DE LIENS TORSADES**
[72] MILBRANDT, KIM A., US
[72] HOUSEMAN, DEBRA KAY, US
[72] MALTAS, JEFFERY SCOTT, US
[72] O'DONNELL, COLIN, US
[72] PLATT, JOSHUA, US
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[54] **SYSTEME DE PURGE ET DE MISE SOUS PRESSION A COMMANDE DE RETOUR**
[72] ROBINSON, KENT W., US
[72] MOSES, RANDY A., US
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[54] **SAC SOUPLE ET PROCEDE POUR SON REMPLISSAGE**
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[71] GE HEALTHCARE BIO-SCIENCES CORP., US
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[54] **LENGTH TO WAIST SILHOUETTES OF ADULT DISPOSABLE ABSORBENT ARTICLES AND ARRAYS**
[54] **PROFILS DE LONGUEUR A LA TAILLE D'ARTICLES ABSORBANTS JETABLES POUR ADULTES ET ASSORTIMENTS**
[72] SEITZ, BRET DARREN, US
[72] LAVON, GARY DEAN, US
[72] TRYGIER, JILL, US
[72] MELENDEZ, VANESSA, US
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[54] **EXTRAITS DE BIOMASSE ET PROCEDES ASSOCIES**
[72] HUANG, DEJIAN, US
[72] OU, BOXIN, US
[72] GALVIN, JIM, US
[72] BYRNE, EAMONN, US
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[54] **PROCESSING UNIT FOR A WASHING MEDIUM CONTAMINATED WITH SULPHUR OXIDES AND/OR NITROGEN OXIDES**
[54] **UNITE DE TRAITEMENT D'UN AGENT DE LAVAGE LIQUIDE POLLUE PAR DES OXYDES DE SOUFRE ET/OU DES OXYDES D'AZOTE**
[72] KURSAWE, ANSGAR, DE
[72] HAUKE, STEFAN, DE
[72] JOH, RALPH, DE
[72] KINZL, MARKUS, DE
[72] SCHNEIDER, RUDIGER, DE
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[54] **ROLLER CUTTER ARRANGEMENT AND CUTTING WHEEL EQUIPPED WITH SAID ROLLER CUTTER ARRANGEMENT**
[54] **DISPOSITIF A COUTEAU CIRCULAIRE ET ROUE DE COUPE EQUIPEE D'UN DISPOSITIF A COUTEAU CIRCULAIRE**
[72] DUHME, RUBEN, SG
[72] EDELMANN, THOMAS, DE
[72] WANG, ZHENG GANG, SG
[71] HERRENKNECHT AKTIENGESELLSCHAFT, DE
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[54] **TAMPER-EVIDENT CONTAINER AND PROCESS FOR MAKING THE SAME**
[54] **RECIPIENT A PREUVE D'EFFRACTION ET PROCEDE POUR SA REALISATION**
[72] BRESSAN, MICHEL, IT
[71] I.G.B. S.R.L., IT
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[54] **PROCEDE ET DISPOSITIF OPHTALMIQUE AYANT UN SYSTEME DE LIBERATION D'AGENT ACTIF**
[72] PUGH, RANDALL B, US
[72] MARTIN, W. ANTHONY, US
[72] SNOOK, SHARIKA, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **THERMAL HEATING DEVICE USING LIGHT FOR BINDER ACTIVATION AND ITS INTEGRATION IN PREFORMING DEVICE**
[54] **DISPOSITIF DE CHAUFFAGE THERMIQUE UTILISANT LA LUMIERE POUR L'ACTIVATION DE LIANT ET SON INTEGRATION DANS UN DISPOSITIF DE PREFORMAGE**
[72] COQUEL, MAXIME, DE
[72] REHM, WOLFGANG, DE
[72] TRAGER, MICHAEL, DE
[71] AIRBUS DEFENCE AND SPACE GMBH, DE
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[54] **A QUICK FASTENING FLEXIBLE DUCT FOR A SPRAY PAINTING DEVICE AND DEVICE INCLUDING THE DUCT**
[54] **CONDUIT SOUPLE DE FIXATION RAPIDE POUR UN DISPOSITIF DE PULVERISATION DE PEINTURE ET DISPOSITIF COMPRENANT LE CONDUIT**
[72] GROHOVA, MARCELA, IT
[71] HPM ENGINEERING S.R.L., IT
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[54] **HOLE-FILLING SLEEVE AND WASHER DESIGN FOR BOLT INSTALLATION**
[54] **AGENCEMENT CONSTITUE D'UN MANCHON DE REMPLISSAGE DE TROU ET D'UNE RONDELLE, ET DESTINE A L'INSTALLATION D'UN BOULON**
[72] ACHTNER, GERFRIED R., US
[72] HALL, THOMAS D., US
[72] MAHN, RYAN M., US
[72] MANRIQUEZ, JAVIER, US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **A CATALYST AND ITS USE FOR THE SELECTIVE HYDRODESULFURIZATION OF AN OLEFIN CONTAINING HYDROCARBON FEEDSTOCK**
[54] **CATALYSEUR ET SON UTILISATION POUR L'HYDRODESULFURATION SELECTIVE D'UN PRODUIT DE DEPART D'HYDROCARBURES CONTENANT DES OLEFINES**
[72] BHAN, OPINDER KISHAN, US
[72] KOMAR, DAVID ANDREW, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **SEPARATION AND STORAGE OF FLUIDS USING ITQ-55**
[54] **SEPARATION ET STOCKAGE DE FLUIDES A L'AIDE DU ITQ-55**
[72] CORCORAN, EDWARD W., JR., US
[72] KORTUNOV, PAVEL, US
[72] PAUR, CHARANJIT S., US
[72] RAVIKOVITCH, PETER I., US
[72] WANG, YU, US
[72] CORMA CANOS, AVELINO, ES
[72] VALENCIA VALENCIA, SUSANA, ES
[72] REY GARCIA, FERNANDO, ES
[72] CANTIN SANZ, ANGEL, ES
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[54] **PROSTHETIC VALVE AND METHOD OF MAKING A PROSTHETIC VALVE**
[54] **VALVULE PROTHETIQUE ET PROCEDE DE FABRICATION DE VALVULE PROTHETIQUE**
[72] GRUNDEMAN, PAUL FREDERIK, NL
[72] KLUIN, JOLANDA, NL
[72] BOON-CEELEN, KARLIEN, NL
[72] KONIG, THOMAS, NL
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[54] **SEPARATION AND STORAGE OF FLUIDS USING ITQ-55**
[54] **SEPARATION ET STOCKAGE DE FLUIDES UTILISANT DE L'ITQ-55**
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[72] KORTUNOV, PAVEL, US
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[54] **RECUPERATION SIMULTANEE DE COMPOSES ORGANIQUES ET AGENTS D'EXTRACTION**
[72] ROA ENGEL, CAROL ANDREA, NL
[72] URBANUS, JAN HARM, NL
[72] VERDOES, DIRK, NL
[71] NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO, NL
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[72] MINOIS, ANTOINE, US
[72] KULKARNI, MOHAN G., US
[72] ELLIOTT, JAMES E., US
[72] WEIR, MICHAEL S., US
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[54] **METHOD AND APPARATUS FOR VACUUM DRYING GRANULAR RESIN MATERIAL**
[54] **PROCEDE ET APPAREIL DE SECHAGE SOUS VIDE DE MATERIAU DE RESINE GRANULAIRE**
[72] MAGUIRE, STEPHEN B., US
[72] GERA, MICHAEL E., US
[71] MAGUIRE, STEPHEN B., US
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[25] EN
[54] **METHOD OF FORMING DIRECTIONALLY CONTROLLED WORMHOLES IN A SUBTERRANEAN FORMATION**
[54] **PROCEDE DE FORMATION DE TROUS DE VER A DIRECTION CONTROLEE DANS UNE FORMATION SOUTERRAINE**
[72] MODAVI, ABDOLLAH, US
[72] BECKHAM, RICHARD E., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING HUMAN HEALTH AND NUTRITION**
[54] **COMPOSITIONS ET METHODES POUR AMELIORER LA SANTE ET LA NUTRITION HUMAINE**
[72] CARPENTER, RICHARD, US
[72] HUFF, WESLEY E., US
[72] KAPUR, AMIT, AU
[71] BIOWISH TECHNOLOGIES, INC., US
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[25] EN
[54] **CODON-OPTIMIZED RECOMBINANT PHAGE AND METHODS OF USING SAME**
[54] **PHAGE RECOMBINANT A CODONS OPTIMISES ET SES PROCEDES D'UTILISATION**
[72] KOERIS, MICHAEL SANDOR, US
[72] BOWERS, JAYSON L., US
[72] BROWNELL, DANIEL ROBERT, US
[72] KRZYMANSKA-OLEJNIK, EDYTA, US
[72] SHIVERS, ROBERT PATRICK, US
[72] CAPPILLINO, MICHAEL, US
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[54] **SERINGUE EN PLASTIQUE PREREMPLIE CONTENANT UN ANTAGONISTE DE VEGF**
[72] FIEDLER, BERND, DE
[71] FORMYCON AG, DE
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[25] EN
[54] **PROCESS TO CRYSTALLIZE CHELATING AGENTS**
[54] **PROCEDE POUR CRISTALLISER DES AGENTS CHELATEURS**
[72] SCHOMAKER, ELWIN, NL
[72] VAN HAEREN, PAULUS JOHANNES CORNELIS, NL
[72] HEUS, MARTIN, NL
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[25] EN
[54] **PHARMACEUTICAL SOLUTION COMPRISING DOPAMINE FOR USE IN TREATING PARKINSON'S DISEASE**
[54] **SOLUTION PHARMACEUTIQUE COMPRENANT DE LA DOPAMINE, DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] DEVOS, DAVID, FR
[72] MOREAU, CAROLINE, FR
[72] LALOUX, CHARLOTTE, FR
[72] DEVEDJIAN, JEAN-CHRISTOPHE, FR
[71] CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE LILLE (CHRU), FR
[71] UNIVERSITE DU LITTORAL COTE D'OPALE, FR
[71] UNIVERSITE DE LILLE 2 DROIT ET SANTE, FR
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[54] **NOVEL IVABRADINE SALT AND METHOD FOR PREPARING SAME**
[54] **NOUVEAU SEL DE L'IVABRADINE ET SON PROCEDE DE PREPARATION**
[72] LYNCH, MICHAEL, FR
[72] COINTEPAS, PATRICK, FR
[72] LAFARGUE, DAVID, FR
[72] BRIAULT, GILLES, FR
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[72] FRATARCANGELI, SILVIA, IT
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[54] **COMPOSITIONS ET PROCEDES D'IMMUNOMODULATION D'ANTI-LYST**
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[72] HIBINO, NARUTOSHI, US
[72] GARG, VIDU, US
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[71] RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, US
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[54] **ANTICORPS ANTI-BRDU ET METHODES D'UTILISATION**
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[72] AUER, JOHANNES, DE
[72] LAU, WILMA, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **UTILISATION DE BISPHOSPHONATES EN TANT QUE TRAITEMENT D'APPOINT CONTRE LE VIH/SIDA**
[72] RICHTER, YORAM, IL
[72] GOLOMB, GERSHON, IL
[72] SACHA, JONAH B., US
[71] BIOREST LTD., IL
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
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[54] **ANALYSE MULTIPLEXE POUR UNE MEILLEURE DETERMINATION DES SCORES DE TISSUS TUMORAUX COLORES POUR PD-L1**
[72] NITTA, HIRO, US
[72] VENNAPUSA, BHARATHI, US
[72] DENNIS, ESLIE, US
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[54] **PLADIENOLIDE PYRIDINE COMPOUNDS AND METHODS OF USE**
[54] **COMPOSES DE PLADIENOLIDE PYRIDINE ET LEURS PROCEDES D'UTILISATION**
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[72] WANG, JOHN, US
[72] GERARD, BAUDOUIN, US
[72] ARAI, KENZO, JP
[72] LIU, XIANG, US
[72] ZHENG, GUO ZHU, US
[72] KIRA, KAZUNOBU, JP
[72] TIVITMAHAISOON, PARCHAREE, US
[72] PRAJAPATI, SUDEEP, US
[72] GEARHART, NICHOLAS C., US
[72] KOTAKE, YOSHIHIKO, JP
[72] NAGAO, SATOSHI, JP
[72] KANADA SONOBE, REGINA, JP
[72] MIYANO, MASAYUKI, JP
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[54] **FORMULATIONS D'HORMONES SUBSTITUTIVES COMBINEES NATURELLES ET TRAITEMENT HORMONAL SUBSTITUTIF**
[72] BERNICK, BRIAN A., US
[72] PERSICANER, PETER H.R., US
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[71] THERAPEUTICSMD, INC., US
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[54] **PROCEDES D'IMMOBILISATION DE MICRO-ORGANISMES**
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[71] ACCELERATE DIAGNOSTICS, INC., US
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[54] **ANALOGUES DE GRHELINE PEPTIDIQUES STABLES ET A LONGUE DUREE D'ACTION POUR LE TRAITEMENT DE LA CACHEXIE**
[72] MALETINSKA, LENKA, CZ
[72] ZELEZNA, BLANKA, CZ
[72] KUNES, JAROSLAV, CZ
[72] HOLUBOVA, MARTINA, CZ
[72] ZEMENOVA, JANA, CZ
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[54] **FORMULATION POUR CAPSULE A LIBERATION IMMEDIATE RESISTANT AUX MANIPULATIONS ILLICITES COMPRENANT DU TAPENTADOL**
[72] FRIEDRICH, INGO, DE
[72] FUHRHERR, RICHARD, DE
[72] MOSCHTER, SILKE, DE
[72] WENGNER, SIMONE, DE
[71] GRUNENTHAL GMBH, DE
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[54] **METHOD FOR FINISHING A WOOD BOARD**
[54] **PROCEDE DE FINITION D'UN PANNEAU DERIVE DU BOIS**
[72] OLDORFF, FRANK, DE
[71] FLOORING TECHNOLOGIES LTD., MT
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[54] **PROCEDE DE DETERMINATION DE LA SPECIFICITE DES ANTICORPS**
[72] SILVA, JOHN, GB
[72] VETTERLEIN, OLIVIA, GB
[72] JOSE, JOBY, GB
[72] KIRBY, HISHANI, GB
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[72] SEELE, JANA, DE
[72] BAUMS, CHRISTOPH, DE
[72] VALENTIN-WEIGAND, PETER, DE
[71] IDT BIOLOGIKA GMBH, DE
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[54] **PROCEDE ET KIT DE DETECTION DE L'ABSENCE DE MICRO-ORGANISMES**
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[72] BENNETT, HELEN VICTORIA, GB
[72] WRATTING, DANIEL STEPHEN, GB
[72] MULLEN, WILLIAM HENRY, GB
[71] MOMENTUM BIOSCIENCE LIMITED, GB
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[54] **REMEDIATION DE SOLS CONTAMINES**
[72] STOIN, URI, IL
[72] SASSON, YOEL, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
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[54] **TECHNIQUES D'AMELIORATION DE STRUCTURE DE TRAME ET PROCEDURE D'ECOUTE AVANT EMISSION (LBT) POUR DES EMISSIONS UTILISANT UNE BANDE A SPECTRE DE FREQUENCE RADIO SANS LICENCE**
[72] WEI, YONGBIN, US
[72] MALLADI, DURGA PRASAD, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] BHUSHAN, NAGA, US
[72] CHEN, WANSHI, US
[72] LUO, TAO, US
[72] GAAL, PETER, US
[72] SUKHAVASI, RAVI TEJA, US
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[54] **CONJUGUES DE MEDICAMENTS A BASE DE NANOPARTICULES**
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[72] BRADBURY, MICHELLE S., US
[72] WIESNER, ULRICH, US
[72] MA, KAI, US
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[71] CORNELL UNIVERSITY, US
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[54] **SYSTEME DE DEPLOIEMENT INTEGRANT L'APPLICATION D'UN ADHESIF**
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[72] CHRISTAKIS, LAURA ELIZABETH, US
[72] HARRIS, COLBY, US
[72] ZAREMBO, PAUL E., US
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[54] **METHOD FOR MANUFACTURING A PLUG FOR A CONTAINER NECK**
[54] **PROCEDE DE FABRICATION D'UN BOUCHON POUR UN GOULOT DE RECIPIENT**
[72] LUZZATO, MICHEL, FR
[72] GAILLARD, ANTHONY, FR
[72] FLAMAND, FABIEN, FR
[72] DODD, RONALD KIRK, US
[71] NOVEMBAL USA INC., US
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[54] **MOYENS ET PROCEDES DE TRAITEMENT DE CMV**
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[72] JOHN, CORINNE, CH
[72] SCHAUB, CHRISTIAN, CH
[71] PFIZER INC., US
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[25] EN
[54] **HIP TO SIDE SILHOUETTES OF ADULT DISPOSABLE ABSORBENT ARTICLES AND ARRAYS**
[54] **SILHOUETTES DE LA HANCHE AU COTE D'ARTICLES ABSORBANTS JETABLES POUR ADULTES ET ENSEMBLES**
[72] SEITZ, BRET DARREN, US
[72] LAVON, GARY DEAN, US
[72] TRYGIER, JILL, US
[72] MELENDEZ, VANESSA, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHOD FOR UTILIZING LIGNIN SEPARATED FROM BLACK LIQUOR AS LIME-KILN FUEL**
[54] **PROCEDE PERMETTANT D'UTILISER LA LIGNINE SEPAREE DE LA LIQUEUR NOIRE EN TANT QUE COMBUSTIBLE POUR FOUR A CHAUX**
[72] MCKEOUGH, PATERSON, FI
[71] ANDRITZ OY, FI
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[54] **BRULEUR A MODULATION DOTE D'UN AMORTISSEUR VENTURI**
[72] DOURA, MOHAMED MEHDI, US
[72] PUTNAM, BENJAMIN P., US
[72] BAESE, DAVE C., US
[72] WISEMAN, ROBERT WESLEY, US
[71] LOCHINVAR, LLC, US
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[25] EN
[54] **SELECTIVE ANALYSIS OF MODIFIED BIOLOGICAL MOLECULES WITH SOLID-STATE NANOPORES**
[54] **ANALYSE SELECTIVE DE MOLECULES BIOLOGIQUES MODIFIEES AVEC DES NANOPORES A L'ETAT SOLIDE**
[72] HALL, ADAM R., US
[71] WAKE FOREST UNIVERSITY, US
[85] 2016-11-03
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[25] EN
[54] **IMPROVED METHOD FOR PROVIDING INFORMATION ON BREAST CANCER AND DIAGNOSTIC KIT THEREFOR**
[54] **METHODE AMELIOREE POUR OBTENIR DES INFORMATIONS SUR UN CANCER DU SEIN ET KIT DE DIAGNOSTIC ASSOCIE**
[72] LEE, HYE YOUNG, KR
[72] WANG, HYE YOUNG, KR
[72] KIM, YEUN, KR
[71] OPTIPHARM. CO., LTD., KR
[71] YONSEI UNIVERSITY WONJU INDUSTRY-ACADEMIC COOPERATION FOUNDATION, KR
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[25] EN
[54] **METHODS FOR ENHANCING THE EFFICACY OF A TUMOR-DIRECTED IMMUNE RESPONSE**
[54] **PROCEDES PERMETTANT D'AMELIORER L'EFFICACITE D'UNE REPONSE IMMUNITAIRE DIRIGEE CONTRE LES TUMEURS**
[72] KHLEIF, SAMIR, US
[71] AUGUSTA UNIVERSITY RESEARCH INSTITUTE, INC., US
[85] 2016-09-28
[86] 2015-04-02 (PCT/US2015/024034)
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[54] **DERIVES HETEROCYCLYL-BUTANAMIDES**
[72] BUCHSTALLER, HANS-PETER, DE
[72] DORSCH, DIETER, DE
[71] MERCK PATENT GMBH, DE
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[25] EN
[54] **METHOD FOR PACKAGING A PLURALITY OF CONTAINERS FOR SUBSTANCES FOR MEDICAL, PHARMACEUTICAL OR COSMETIC APPLICATIONS, AND PACKAGING STRUCTURE**
[54] **METHODE D'EMBALLAGE D'UNE PLURALITE DE CONTENANT DE SUBSTANCES DESTINEES A DES APPLICATIONS MEDICALES, PHARMACEUTIQUES OU COSMETIQUES ET STRUCTURE D'EMBALLAGE**
[72] DEUTSCHLE, GREGOR FRITZ, DE
[72] PAWLOWSKI, EDGAR, DE
[72] WASSENBERG, JORN, DE
[72] DUBRAU, ISABELL, CH
[72] AUERBACH, JUDITH, CH
[71] SCHOTT AG, DE
[85] 2016-11-04
[86] 2015-05-05 (PCT/EP2015/059832)
[87] (WO2015/169794)
[30] DE (10 2014 106 197.7) 2014-05-05

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[13] A1
[51] **Int.Cl. B02C 4/42 (2006.01) B02C 25/00 (2006.01)**
[25] EN
[54] **ROLLER MILL AND METHOD FOR CONTROLLING A ROLLER MILL**
[54] **BROYEUR A CYLINDRES ET PROCEDE DE COMMANDE D'UN BROYEUR A CYLINDRES**
[72] PISCHTSCHAN, MARTIN, CH
[72] HIRT, HANS-ULRICH, CH
[71] ABB SCHWEIZ AG, CH
[85] 2016-11-04
[86] 2015-05-08 (PCT/EP2015/060196)
[87] (WO2015/169950)
[30] EP (14167575.1) 2014-05-08

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[13] A1
[51] **Int.Cl. C07D 239/90 (2006.01) A61K 31/517 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **ANTIBACTERIAL QUINAZOLINE-4(3H)-ONE DERIVATIVES**
[54] **DERIVES ANTIBACTERIENS DE QUINAZOLINE-4(3H)-ONE**
[72] GAUVIN, JEAN-CHRISTOPHE, CH
[72] SURIVET, JEAN-PHILIPPE, CH
[72] CHAPOUX, GAELLE, CH
[72] MIRRE, AZELY, CH
[71] ACTELION PHARMACEUTICALS LTD, CH
[85] 2016-11-04
[86] 2015-05-13 (PCT/EP2015/060653)
[87] (WO2015/173329)
[30] EP (14168718.6) 2014-05-16

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[13] A1
[51] **Int.Cl. C07D 455/06 (2006.01) A61K 31/4745 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **NOVEL DIHYDROQUINOLIZINONES FOR THE TREATMENT AND PROPHYLAXIS OF HEPATITIS B VIRUS INFECTION**
[54] **NOUVELLES DIHYDROQUINOLIZINONES POUR LE TRAITEMENT ET LA PROPHYLAXIE D'UNE INFECTION PAR LE VIRUS DE L'HEPATITE B**
[72] YANG, SONG, CN
[72] HAN, XINGCHUN, CN
[72] WANG, ZHANGUO, CN
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-11-04
[86] 2015-05-11 (PCT/EP2015/060284)
[87] (WO2015/173164)
[30] CN (PCT/CN2014/077354) 2014-05-13
[30] CN (PCT/CN2015/074462) 2015-03-18

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[13] A1
[51] **Int.Cl. G01N 27/62 (2006.01) G01N 1/28 (2006.01)**
[25] EN
[54] **CHEMICAL CALIBRATION PROCESS, SYSTEM AND DEVICE**
[54] **PROCEDE, SYSTEME ET DISPOSITIF D'ETALONNAGE CHIMIQUE**
[72] MCINTYRE, HENRY, GB
[72] THATHAPUDI, NEAL, GB
[72] ARNOLD, PAUL, GB
[71] SMITHS DETECTION-WATFORD LIMITED, GB
[85] 2016-11-04
[86] 2015-05-14 (PCT/GB2015/051431)
[87] (WO2015/173579)
[30] GB (1408593.0) 2014-05-14

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[13] A1
[51] **Int.Cl. B01F 13/10 (2006.01) B01J 19/00 (2006.01)**
[25] EN
[54] **MOVING SYSTEM FOR CONTAINERS BETWEEN STATIONS FOR A FLUID PRODUCTION PLANT**
[54] **SYSTEME DE DEPLACEMENT POUR RECIPIENTS ENTRE DES STATIONS D'UNE USINE DE PRODUCTION DE FLUIDE**
[72] DROCCO, LUCA, IT
[72] DROCCO, MARIO, IT
[71] DROCCO, LUCA, IT
[71] DROCCO, MARIO, IT
[85] 2016-11-04
[86] 2015-05-05 (PCT/IB2015/053261)
[87] (WO2015/173689)
[30] IT (TO2014A000379) 2014-05-13

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[13] A1
[51] **Int.Cl. A47J 36/24 (2006.01)**
[25] EN
[54] **SYSTEM FOR HEATING UP LIQUIDS WITH A COVER-CASE/BOX FOR MOBILE PHONE**
[54] **SYSTEME DE CHAUFFAGE DE LIQUIDES A L'AIDE D'UN ETUI/REVETEMENT/BOITIER POUR TELEPHONE MOBILE**
[72] PURGATORIO, GIANCLAUDIO, IT
[72] PURGATORIO, ALESSANDRO, IT
[72] GALASSO, VITO, IT
[71] IUNO LLC, US
[85] 2016-11-04
[86] 2015-05-04 (PCT/IT2015/000121)
[87] (WO2015/170356)
[30] IT (RM2014U000068) 2014-05-06
[30] IT (RM2014000158) 2014-09-29

[21] **2,948,142**
[13] A1
[51] **Int.Cl. B65D 71/00 (2006.01)**
[25] EN
[54] **PANEL INTERLOCKING DEVICE FOR A CARTON AND BLANK THEREFOR**
[54] **DISPOSITIF DE VERROUILLAGE DE PANNEAUX POUR CARTON ET SON EBAUCHE**
[72] SAULAS, ALAIN, FR
[72] SUZUKI, TSUGIHIKO, US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2016-11-04
[86] 2015-04-29 (PCT/US2015/028136)
[87] (WO2015/171376)
[30] US (61/988,446) 2014-05-05

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/454 (2006.01) A61K 31/4545 (2006.01) A61P 3/10 (2006.01) C07D 401/12 (2006.01)**
[25] EN
[54] **PYRROLIDINE GPR40 MODULATORS FOR THE TREATMENT OF DISEASES SUCH AS DIABETES**
[54] **COMPOSES PYRROLIDINE MODULATEURS DE GPR40 POUR LE TRAITEMENT DE MALADIES TELLES QUE LE DIABETE**
[72] JURICA, ELIZABETH A., US
[72] HONG, ZHENQIU, US
[71] BRISTOL-MYERS SOUIBB COMPANY, US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029409)
[87] (WO2015/171722)
[30] US (61/989,651) 2014-05-07

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[13] A1
[51] **Int.Cl. A61F 13/00 (2006.01) A61B 17/32 (2006.01) A61M 1/00 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **DISRUPTIVE DRESSING FOR USE WITH NEGATIVE PRESSURE AND FLUID INSTILLATION**
[54] **PANSEMENT A EFFET PERTURBATEUR DESTINE A ETRE UTILISE EN PRESSION NEGATIVE ET AVEC INSTILLATION DE FLUIDE**
[72] INGRAM, SHANNON C., US
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ARNOLD, PETER, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] CARROLL, CHRISTOPHER A., US
[72] MANWARING, MICHAEL E., US
[71] KCI LICENSING, INC., US
[85] 2016-11-04
[86] 2015-05-08 (PCT/US2015/030030)
[87] (WO2015/172111)
[30] US (61/991,150) 2014-05-09
[30] US (61/991,134) 2014-05-09
[30] US (61/991,174) 2014-05-09

[21] **2,948,171**
[13] A1
[51] **Int.Cl. A61L 31/12 (2006.01) A61L 31/06 (2006.01)**
[25] EN
[54] **COMPOSITE LUMEN WITH REINFORCING TEXTILE AND MATRIX**
[54] **LUMEN COMPOSITE AVEC MATRICE ET TEXTILE DE RENFORCEMENT**
[72] GABRIELE, PETER D., US
[72] GLASBY, SEAN CHRISTOPHER, US
[72] HARRIS, JEREMY J., US
[72] RUTHRAUFF, ALICIA, US
[72] AMIN, SWATI, US
[72] WINNER, SETH A., US
[72] HENIFORD, RYAN, US
[72] BALTHASER, RICHARD, US
[72] HO, EMILY Y., US
[71] SECANT MEDICAL, INC., US
[85] 2016-11-04
[86] 2015-05-08 (PCT/US2015/029897)
[87] (WO2015/172028)
[30] US (61/990,295) 2014-05-08

[21] **2,948,175**
[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/497 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PYRROLIDINE GPR40 MODULATORS FOR THE TREATMENT OF DISEASES SUCH AS DIABETES**
[54] **COMPOSES PYRROLIDINE MODULATEURS DE GPR40 POUR LE TRAITEMENT DE MALADIES TELLES QUE LE DIABETE**
[72] SUN, CHONGQING, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029422)
[87] (WO2015/171733)
[30] US (61/989,560) 2014-05-07

[21] **2,948,177**
[13] A1
[51] **Int.Cl. B65D 71/28 (2006.01)**
[25] EN
[54] **CARTON AND CARTON BLANK**
[54] **CARTON ET EBAUCHE DE CARTON**
[72] RAMSUER, BRANDON L., US
[72] BALL, NATHANIEL B., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029426)
[87] (WO2015/175277)
[30] US (61/991,450) 2014-05-10

[21] **2,948,189**
[13] A1
[51] **Int.Cl. B02C 2/04 (2006.01)**
[25] EN
[54] **TWO OIL CHAMBER COUNTERWEIGHT**
[54] **CONTREPOIDS COMPORTANT DEUX CHAMBRES D'HUILE**
[72] BIGGIN, DAVID FRANCIS, US
[71] METSO MINERALS INDUSTRIES, INC., US
[85] 2016-11-04
[86] 2015-05-27 (PCT/US2015/032605)
[87] (WO2015/187421)
[30] US (14/297,749) 2014-06-06

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[13] A1
[51] **Int.Cl. C10G 1/06 (2006.01) C10G 1/00 (2006.01)**
[25] EN
[54] **FEED MIXTURE FOR PRODUCING HYDROCARBONS**
[54] **MELANGE D'ALIMENTATION UTILISABLE EN VUE DE LA PRODUCTION D'HYDROCARBURES**
[72] IVERSEN, STEEN BRUMMERSTEDT, DK
[72] OLOFSSON, GORAN, SE
[71] STEEPER ENERGY APS, DK
[85] 2016-11-04
[86] 2015-05-05 (PCT/DK2015/050113)
[87] (WO2015/169319)
[30] DK (PA 2014 00245) 2014-05-05

[21] **2,948,202**
[13] A1
[51] **Int.Cl. B27N 7/00 (2006.01) B44C 5/04 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING DECORATED WOODEN COMPOSITE BOARDS AND PANEL PRODUCED FROM THE WOODEN COMPOSITE BOARD, IN PARTICULAR FLOOR PANEL, AND USE OF A WOODEN COMPOSITE BOARD PRODUCED ACCORDING TO THE METHOD**
[54] **PROCEDE DE FABRICATION DE PANNEAUX DERIVES DU BOIS DECORES ET LAMBRIS, EN PARTICULIER LAMBRIS DE PLANCHER, FABRIQUE A PARTIR DE PANNEAUX DERIVES DU BOIS, ET UTILISATION D'UN PANNEAU DERIVE DU BOIS FABRIQUE PAR CE PROCEDE**
[72] OLDORFF, FRANK, DE
[71] FLOORING TECHNOLOGIES LTD., MT
[85] 2016-11-07
[86] 2015-05-08 (PCT/EP2015/000942)
[87] (WO2015/169450)
[30] EP (14001642.9) 2014-05-09

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[13] A1
[51] **Int.Cl. C07D 249/08 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED [1,2,4]TRIAZOLE AND IMIDAZOLE COMPOUNDS AS FUNGICIDES**
[54] **COMPOSES D'IMIDAZOLE ET DE [1,2,4]-TRIAZOLE SUBSTITUES**
[72] GRAMMENOS, WASSILIOS, DE
[72] BOUDET, NADEGE, DE
[72] MUELLER, BERND, DE
[72] QUINTERO PALOMAR, MARIA ANGELICA, DE
[72] ESCRIBANO CUESTA, ANA, DE
[72] LAUTERWASSER, ERICA MAY WILSON, DE
[72] LOHMANN, JAN KLAAS, DE
[72] GROTE, THOMAS, DE
[72] KRETSCHMER, MANUEL, DE
[72] CRAIG, IAN ROBERT, DE
[71] BASF SE, DE
[85] 2016-11-07
[86] 2015-05-04 (PCT/EP2015/059710)
[87] (WO2015/173050)
[30] EP (14168155.1) 2014-05-13
[30] EP (14168766.5) 2014-05-19
[30] EP (14170170.6) 2014-05-28

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[13] A1
[51] **Int.Cl. A23G 1/08 (2006.01) B30B 9/04 (2006.01) C11B 1/06 (2006.01)**
[25] EN
[54] **A PRESS FOR PROCESSING FAT CONTAINING MASS**
[54] **PRESSE DESTINEE AU TRAITEMENT D'UNE MASSE CONTENANT DE LA GRAISSE**
[72] HUIJBERS, HANS, NL
[71] ROYAL DUYVIS WIENER B.V., NL
[85] 2016-11-07
[86] 2015-05-08 (PCT/EP2015/060261)
[87] (WO2015/169964)
[30] EP (14167595.9) 2014-05-08

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[13] A1
[51] **Int.Cl. A61K 47/32 (2006.01) A61K 9/70 (2006.01) A61K 47/30 (2006.01)**
[25] EN
[54] **METHOD FOR ADJUSTING THE RELEASE OF ACTIVE AGENT IN A TRANSDERMAL DELIVERY SYSTEM**
[54] **METHODE DE REGULATION DE LIBERATION D'AGENT ACTIF DANS UN SYSTEME D'ADMINISTRATION TRANSDERMIQUE**
[72] EMGENBROICH, MARCO, DE
[72] LEONHARD, JOHANNES JOSEF, DE
[72] WOLFF, HANS-MICHAEL, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2016-11-07
[86] 2015-05-20 (PCT/EP2015/061109)
[87] (WO2015/177209)
[30] EP (14169026.3) 2014-05-20

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[13] A1
[51] **Int.Cl. F27B 1/20 (2006.01) F27D 3/10 (2006.01)**
[25] EN
[54] **GEARBOX ASSEMBLY FOR A CHARGING INSTALLATION OF A METALLURGICAL REACTOR**
[54] **ENSEMBLE BOITE D'ENGRENAGES POUR INSTALLATION DE CHARGEMENT DE REACTEUR METALLURGIQUE**
[72] TOCKERT, PAUL, LU
[72] VANDIVINIT, JEFF, LU
[72] HIENTGEN, RENE, LU
[71] PAUL WURTH S.A., LU
[85] 2016-11-07
[86] 2015-06-04 (PCT/EP2015/062509)
[87] (WO2015/185693)
[30] LU (LU 92469) 2014-06-06

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[13] A1
[51] **Int.Cl. B29C 70/68 (2006.01) B01F 7/00 (2006.01) C23C 22/06 (2006.01) C23C 22/78 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING A PROCESS APPARATUS AND A PROCESS APPARATUS**
[54] **PROCEDE DE FABRICATION D'UN APPAREIL DE TRAITEMENT, ET APPAREIL DE TRAITEMENT**
[72] LINDGREN, MARI, FI
[72] LAIHONEN, PAAVO, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2016-11-07
[86] 2015-05-11 (PCT/FI2015/050315)
[87] (WO2015/173469)
[30] FI (20145446) 2014-05-16

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[13] A1
[51] **Int.Cl. G01N 33/24 (2006.01) G01N 21/71 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SPATIALLY RESOLVED GEOCHEMICAL CHARACTERISATION**
[54] **PROCEDE ET SYSTEME DE CARACTERISATION GEOCHIMIQUE RESOLUE SPATIALEMENT**
[72] WASHBURN, KATHRYN ELIZABETH, US
[71] INGRAIN, INC., US
[85] 2016-11-07
[86] 2015-05-06 (PCT/US2015/029332)
[87] (WO2015/171669)
[30] US (61/989,621) 2014-05-07

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[13] A1
[51] **Int.Cl. C07D 231/06 (2006.01) A61K 31/415 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **PYRAZOLE DERIVATIVES AND THEIR USE AS CANNABINOID RECEPTOR MEDIATORS**
[54] **DERIVES PYRAZOLE ET LEUR UTILISATION COMME MEDIATEURS DES RECEPTEURS AUX CANNABINOIDES**
[72] KUNOS, GEORGE, US
[72] IYER, MALLIGA, US
[72] CINAR, RESAT, US
[72] RICE, KENNER C., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
[85] 2016-11-07
[86] 2015-05-08 (PCT/US2015/029946)
[87] (WO2015/172059)
[30] US (61/991,333) 2014-05-09

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[13] A1
[51] **Int.Cl. C12M 1/42 (2006.01) B06B 1/06 (2006.01) C12N 5/071 (2010.01) C12N 5/16 (2006.01)**
[25] EN
[54] **ACOUSTOPHORETIC DEVICE WITH PIEZOELECTRIC TRANSDUCER ARRAY**
[54] **DISPOSITIF D'ACOUSTOPHORESE COMPRENANT UN ENSEMBLE DE TRANSDUCTEURS PIEZOELECTRIQUES**
[72] LIPKENS, BART, US
[72] DIONNE, JASON, US
[71] FLODESIGN SONICS, INC., US
[85] 2016-11-07
[86] 2015-05-08 (PCT/US2015/030009)
[87] (WO2015/172095)
[30] US (61/990,168) 2014-05-08

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 9/12 (2006.01) C07H 21/02 (2006.01) C07K 7/14 (2006.01) C07K 14/81 (2006.01)**
[25] EN
[54] **ANGIOTENSINOGEN (AGT) IRNA COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ARNI PRODUISANT UN EFFET SUR L'ANGIOTENSINOGENE (AGT) ET LEURS PROCEDES D'UTILISATION**
[72] FOSTER, DONALD, US
[72] BETTENCOURT, BRIAN, US
[72] CHARISSE, KLAUS, US
[72] HINKLE, GREGORY, US
[72] KUCHIMANCHI, SATYANARAYANA, US
[72] MAIER, MARTIN, US
[72] MILSTEIN, STUART, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2016-11-07
[86] 2015-05-22 (PCT/US2015/032099)
[87] (WO2015/179724)
[30] US (62/001,731) 2014-05-22
[30] US (62/047,978) 2014-09-09

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[13] A1
[51] **Int.Cl. G06F 1/20 (2006.01) F28D 15/02 (2006.01) G06F 1/16 (2006.01)**
[25] EN
[54] **INTEGRATED VAPOR CHAMBER FOR THERMAL MANAGEMENT OF COMPUTING DEVICES**
[54] **CHAMBRE A VAPEUR INTEGREE POUR GESTION THERMIQUE DE DISPOSITIFS INFORMATIQUES**
[72] DELANO, ANDREW, US
[72] STELLMAN, TAYLOR, US
[71] MICROSOFT TEHCNOLOGY LICENSING, LLC, US
[85] 2016-11-07
[86] 2015-05-29 (PCT/US2015/033101)
[87] (WO2015/187475)
[30] US (14/294,040) 2014-06-02

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[13] A1
[51] **Int.Cl. H04W 52/24 (2009.01) H04B 17/10 (2015.01) H04B 17/12 (2015.01) H04B 1/40 (2015.01)**
[25] EN
[54] **DETECTING PROXIMITY USING ANTENNA FEEDBACK**
[54] **DETECTION DE PROXIMITE AU MOYEN DE LA RETROACTION D'ANTENNE**
[72] HARPER, MARC, US
[72] KATZ, MARSHALL JOSEPH, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2016-11-07
[86] 2015-06-25 (PCT/US2015/037563)
[87] (WO2016/003744)
[30] US (14/320,320) 2014-06-30

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[13] A1
[51] **Int.Cl. A47J 47/20 (2006.01)**
[25] EN
[54] **ADAPTER DEVICE FOR A SINK**
[54] **DISPOSITIF ADAPTATEUR POUR EVIER**
[72] BOMATTER, CHRISTIAN W., FR
[72] NEESER, ROLF, CH
[71] FRANKE TECHNOLOGY AND TRADEMARK LTD, CH
[85] 2016-11-08
[86] 2015-05-07 (PCT/EP2015/060021)
[87] (WO2015/169885)
[30] DE (20 2014 102 174.4) 2014-05-09

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[13] A1
[51] **Int.Cl. A61K 31/7088 (2006.01) A61K 31/7125 (2006.01) A61P 1/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING INFLAMMATORY BOWEL DISEASE**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE CHRONIQUE DE L'INTESTIN**
[72] MONTELEONE, GIOVANNI, IT
[71] NOGRA PHARMA LIMITED, IE
[85] 2016-11-08
[86] 2015-05-08 (PCT/EP2015/060269)
[87] (WO2015/169966)
[30] US (61/991,326) 2014-05-09
[30] US (62/065,609) 2014-10-17
[30] US (62/065,606) 2014-10-17

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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **SIGNIFICANCE OF INTRATUMORAL HER2 HETEROGENEITY IN BREAST CANCER AND USES THEREFORE**
[54] **IMPORTANCE DE L'HETEROGENEITE INTRATUMORALE D'HER2 DANS LE CANCER DU SEIN ET SES UTILISATIONS**
[72] NITTA, HIRO, US
[72] PADILLA, MARY, US
[72] RANGER-MOORE, JAMES, US
[72] DENNIS, ESLIE, US
[72] KUROZUMI, SASAGU, JP
[72] KUROSUMI, MASAFUMI, JP
[71] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2016-11-08
[86] 2015-06-03 (PCT/EP2015/062331)
[87] (WO2015/185595)
[30] US (62/009,057) 2014-06-06

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[13] A1
[51] **Int.Cl. C12N 1/16 (2006.01) C12N 1/14 (2006.01) C12N 1/20 (2006.01) C12P 1/02 (2006.01) C12P 1/04 (2006.01) C12P 19/42 (2006.01) C12P 39/00 (2006.01)**
[25] EN
[54] **CO-CULTIVATION OF PROPIONIBACTERIUM AND YEAST**
[54] **CO-CULTURE DE PROPIONIBACTERIUM ET DE LEVURE**
[72] □VAGELJ, MIRJAN, SI
[72] FUJS, STEFAN, SI
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[54] **SYSTEM AND METHOD FOR CLEANING AND STERILIZING A WATER FLOW**
[54] **SYSTEME ET PROCEDE DE NETTOYAGE ET DE STERILISATION D'UN DEBIT D'EAU**
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[71] B.V. SCHEEPSWERF DAMEN GORINCHEM, NL
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[54] **COMPOSITIONS CONTENANT DES GLYCOLIPIDES POUR LEUR UTILISATION DANS LE TRAITEMENT DE TUMEURS**
[72] GALILI, URI, US
[72] PICKFORD, CHRISTOPHER, GB
[72] GRIFFITHS, GRAHAM JOHN CHARLES, GB
[71] AGALIMMUNE LIMITED, GB
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[54] **SKIN DEVICE INCLUDING A FLEXIBLE AREA AND MEANS FOR LIMITING BENDING**
[54] **DISPOSITIF CUTANE COMPRENANT UNE ZONE FLEXIBLE ET DES MOYENS DE LIMITATION DE LA FLEXION**
[72] KARST, NICOLAS, FR
[72] EMIEUX, FABRICE, FR
[72] PERRAUD, SIMON, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[54] **NOUVEAUX DERIVES DE CATH2**
[72] HAAGSMAN, HENDRIK PETER, NL
[72] VAN DIJK, ALBERT, NL
[72] VELDHUIZEN, EDWIN JOHANNES ADRIANUS, NL
[71] UNIVERSITEIT UTRECHT HOLDING B.V., NL
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[25] EN
[54] **METHOD FOR BIOLOGICAL PURIFICATION OF WASTE WATER**
[54] **PROCEDE DE PURIFICATION BIOLOGIQUE D'EAUX USEES**
[72] SORENSEN, GJERMUND, NO
[72] EIKAS, SONDRE, NO
[72] SALTNES, TORGEIR, NO
[71] HIAS MILJOPARTNER AS, NO
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[54] **RULE-BASED VIDEO IMPORTANCE ANALYSIS**
[54] **ANALYSE D'IMPORTANCE DE VIDEO BASEE SUR UNE REGLE**
[72] SURI, NITIN, US
[72] WANG, TZONG-JHY, US
[72] MEHENDALE, OMKAR, US
[72] IVORY, ANDREW S., US
[72] SPROULE, WILLIAM D., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **DERIVES DE CARBOXAMIDE**
[72] D'SOUZA, ANNE-MARIE, GB
[72] AHMED, MAHBUB, GB
[72] PULZ, ROBERT ALEXANDER, CH
[72] ROONEY, LISA ANN, GB
[72] SMITH, NICHOLA, GB
[72] TROXLER, THOMAS JOSEF, CH
[72] BALA, KAMLESH JAGDIS, GB
[72] BREARLEY, ANDREW, GB
[72] DALE, JAMES, GB
[72] PORTER, DAVID, GB
[72] SANDHAM, DAVID ANDREW, GB
[72] SHAW, DUNCAN, US
[72] TAYLOR, JESSICA LOUISE, GB
[72] TAYLOR, ROGER JOHN, GB
[72] WRIGGLESWORTH, JOE, GB
[71] NOVARTIS AG, CH
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[54] **CELLULOSE MICROFIBRILLEE**
[72] HOLTAN, SYNNOVE, NO
[72] ROSENBERG READ, MARIANNE, NO
[72] OVREBO, HANS HENRIK, NO
[72] NYGARD VOLD, INGER MARI, NO
[71] BORREGAARD AS, NO
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[25] EN
[54] **BACTERIA-BASED PROTEIN DELIVERY**
[54] **LARGAGE DE PROTEINES A BASE DE BACTERIES**
[72] ARRIEUMERLOU, CECILE, FR
[72] ITTIG, SIMON, CH
[71] UNIVERSITAET BASEL, CH
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[25] EN
[54] **PROCESS FOR PRODUCING A CALCIUM PHOSPHATE REACTANT, REACTANT OBTAINED AND USE THEREOF IN THE PURIFICATION OF LIQUID EFFLUENTS**
[54] **PROCEDE DE PRODUCTION D'UN REACTIF DE PHOSPHATE DE CALCIUM, REACTIF OBTENU ET SON UTILISATION DANS LA PURIFICATION D'EFFLUENTS LIQUIDES**
[72] PERRIN, PATRICK, ES
[72] BODSON, OLIVIER JACQUES F.J.G., BE
[72] DELPLANCHE, THIERRY, BE
[72] BREUGELMANS, DIRK, BE
[71] SOLVAY SA, BE
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[25] EN
[54] **BULKHEAD ASSEMBLY WITH POCKET DOOR FOR AIRCRAFT INTERIOR**
[54] **ENSEMBLE CLOISON A PORTE ESCAMOTABLE POUR INTERIEUR D'AERONEF**
[72] BOBARU, CONSTANTIN, CA
[71] BOMBARDIER INC., CA
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[54] **CASSETTES DE REGULATION GENIQUE ISSUES DE LA REGION TCR(ALPHA)-LCR**
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[72] LAHIJI, ARMIN, US
[71] RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK, US
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[54] **MOULE POUR BOUTEILLE CLIPSABLE**
[72] BOU-MEZRAG, MOHAMMED SEIFFEDDINE, FR
[72] BASSING, YANN-LOIG, FR
[71] BTC CONCEPT, FR
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[54] **MECANISME DE CHANGEMENT ROTATIF DESTINE A DES CHALUMEAUX DE SOUDAGE**
[72] MARAKKALA MANAGE, ANURA SILVA, JP
[71] TIPMAN CO., LTD., JP
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[54] **ENHANCED SELECTIVE WIPE FOR COMPROMISED DEVICES**
[54] **SUPPRESSION SELECTIVE AMELIOREE POUR DISPOSITIFS PRESENTANT UN RISQUE**
[72] COSTEA, MIHAI, US
[72] UNNIKRISHNAN, MAHESH K., US
[72] HEGDE, UDAY S., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **NOVEL MULTISPECIFIC MOLECULES AND NOVEL TREATMENT METHODS BASED ON SUCH MULTISPECIFIC MOLECULES**
[54] **NOUVELLES MOLECULES MULTISPECIFIQUES ET NOUVELLES METHODES DE TRAITEMENT BASEES SUR CES MOLECULES MULTISPECIFIQUES**
[72] URECH, DAVID, CH
[72] GUNDE, TEA, CH
[72] MEYER, SEBASTIAN, CH
[71] NUMAB AG, CH
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[54] **METHODS OF PRODUCING RHAMNOLIPIDS**
[54] **PROCEDES DE PRODUCTION DE RHAMNOLIPIDES**
[72] THUM, OLIVER, DE
[72] ENGEL, PHILIP, DE
[72] GEHRING, CHRISTIAN, DE
[72] SCHAFFER, STEFFEN, DE
[72] WESSEL, MIRJA, DE
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[54] **MEMS LOUDSPEAKER WITH AN ACTUATOR STRUCTURE AND A MEMBRANE SPACED AT A DISTANCE FROM IT**
[54] **HAUT-PARLEUR MEMS COMPRENANT UNE STRUCTURE D'ACTIONNEMENT ET UNE MEMBRANE ESPACEE DE CELLE-CI**
[72] RUSCONI CLERICI, ANDREA, DE
[72] BOTTONI, FERRUCCIO, AT
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[25] EN
[54] **CRISPR/CAS-RELATED METHODS AND COMPOSITIONS FOR TREATING LEBER'S CONGENITAL AMAUROSIS 10 (LCA10)**
[54] **METHODES ET COMPOSITIONS ASSOCIEES AUX CRISPR/CAS, UTILISEES DANS LE TRAITEMENT DE L'AMAUROSE CONGENITALE DE LEBER 10 (LCA10)**
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[72] BUMCROT, DAVID A., US
[72] SHEN, SHEN, US
[71] EDITAS MEDICINE, INC., US
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[54] **DEVICE AND METHOD FOR AIR-TO-GROUND COMMUNICATION OF AIRCRAFT**
[54] **DISPOSITIF ET PROCEDE POUR COMMUNICATION AIR-SOL D'AERONEF**
[72] HOMMEL, PETER, DE
[72] LIEBE, JORG, DE
[71] LUFTHANSA SYSTEMS GMBH & CO. KG, DE
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[25] EN
[54] **MEMS SOUND TRANSDUCER AND SOUND TRANSDUCER ARRANGEMENT WITH A STOPPER MECHANISM**
[54] **TRANSDUCTEUR ACOUSTIQUE MEMS AINSI QUE SYSTEME DE TRANSDUCTEUR ACOUSTIQUE EQUIPE D'UN MECANISME D'ARRET**
[72] RUSCONI CLERICI, ANDREA, DE
[72] BOTTONI, FERRUCCIO, AT
[71] USOUND GMBH, AU
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[86] 2015-05-13 (PCT/EP2015/060658)
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[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING HIGH RESOLUTION CORRECTIVE OPHTHALMIC LENSES**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR DES LENTILLES OPHTALMIQUES CORRECTRICES HAUTE RESOLUTION**
[72] KEITA, GABRIEL, US
[72] PURCELL, HOWARD, US
[71] ESSILOR INTERNATIONAL(COMPAGNIE GENERALE D'OPTIQUE), FR
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[25] EN
[54] **PREAMPLIFICATION SYSTEM FOR AN ACOUSTIC GUITAR OR OTHER MUSICAL INSTRUMENT WITH VIBRATING PARTS**
[54] **SYSTEME DE PRE-AMPLIFICATION POUR UNE GUITARE ACOUSTIQUE OU POUR UN AUTRE INSTRUMENT DE MUSIQUE AYANT DES PARTIES VIBRANTES**
[72] SELMO, ANTONIO, IT
[71] HEART SOUND ITALY S.R.L., IT
[85] 2016-11-10
[86] 2015-05-12 (PCT/IB2015/053486)
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[25] EN
[54] **IMMUNOGLOBULINS BINDING HUMAN V.GAMMA.9V.DELTA.2 T CELL RECEPTORS**
[54] **IMMUNOGLOBULINES LIANT LES RECEPTEURS DES CELLULES T HUMAINES V.GAMMA.9V.DELTA.2**
[72] VAN DER VLIET, JOHANNES JELLE, NL
[72] DE BRUIN, RENEE CORNELIA GERARDA, NL
[72] DE GRUIJL, TANJA DENISE, NL
[72] VERHEUL, HENDRIK MARINUS WILLEM, NL
[71] STICHTING VUMC, NL
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[51] **Int.Cl. A61B 5/029 (2006.01) A61B 5/021 (2006.01) A61B 5/11 (2006.01) A61B 8/06 (2006.01)**
[25] FR
[54] **METHOD FOR THE CONTINUOUS EVALUATION OF THE VENTRICULO-AORTIC COUPLING OF AT-RISK PATIENTS BY ANALYSIS OF PRESSURE-FLOW LOOPS**
[54] **METHODE D'EVALUATION CONTINUE DU COUPLAGE VENTRICULO-AORTIQUE DE PATIENTS A RISQUE, PAR ANALYSE DE BOUCLES PRESSION-FLUX**
[72] VALLEE, FABRICE, FR
[72] MEBAZZA, ALEXANDRE, FR
[72] GAYAT, ETIENNE, FR
[72] LE GALL, ARTHUR, FR
[71] ASSISTANCE PUBLIQUE - HOPITAUX DE PARIS, FR
[71] SATT ILE-DE-FRANCE INNOV, FR
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[25] EN
[54] **ELECTROSURGICAL SYSTEM**
[54] **SYSTEME ELECTROCHIRURGICAL**
[72] ELLIOTT, PATRICK, US
[72] JOHNSON, GARY, US
[72] NGUYEN, DUY, US
[72] MCFARLAND, DANIEL, US
[72] SABARAD, JAGDISH, US
[72] LINVILLE-ENGLER, BENJAMIN, US
[72] ALBRECHT, JEREMY, US
[72] DURANT, DAN, US
[72] KOWALSKI, JERRY, US
[72] TIBERIA, LOU, US
[72] WHITLOCK, MICHAEL, US
[72] LOGAN, MICHAEL, US
[72] GORIN, IGOR, US
[72] HUDSON, KEVIN, US
[72] JACOBS, HANK, US
[72] MATTHEWS, THOMAS, US
[71] APPLIED MEDICAL RESOURCES CORPORATION, US
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[30] US (61/994,415) 2014-05-16
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[51] **Int.Cl. H04N 21/266 (2011.01) H04N 21/6334 (2011.01)**
[25] EN
[54] **PROVISIONING DRM CREDENTIALS ON A CLIENT DEVICE USING AN UPDATE SERVER**
[54] **FOURNITURE DE JUSTIFICATIFS D'IDENTITE DE GDN SUR UN DISPOSITIF CLIENT AU MOYEN D'UN SERVEUR DE MISE A JOUR**
[72] CHAN, TAT KEUNG, US
[72] MEDVINSKY, ALEXANDER, US
[72] MORONEY, PAUL, US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-11-08
[86] 2015-05-01 (PCT/US2015/028780)
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[30] US (61/990,248) 2014-05-08
[30] US (14/529,849) 2014-10-31

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[51] **Int.Cl. H04W 12/10 (2009.01) H04W 12/02 (2009.01) G06Q 30/06 (2012.01) H04B 17/318 (2015.01)**
[25] EN
[54] **VERIFYING A SECURE CONNECTION BETWEEN A NETWORK BEACON AND A USER COMPUTING DEVICE**
[54] **VERIFICATION D'UNE CONNEXION SECURISEE ENTRE UNE BALISE DE RESEAU ET UN DISPOSITIF INFORMATIQUE D'UTILISATEUR**
[72] WEKSLER, MICHEL, US
[72] ABOUSSELHAM, YASSIR, US
[71] GOOGLE INC., US
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[54] **OBTAINING SPARSENESS INFORMATION FOR HIGHER ORDER AMBISONIC AUDIO RENDERERS**
[54] **OBTENTION D'INFORMATIONS DE DISPERSION POUR DES MOTEURS DE RENDU AUDIO AMBIOPHONIQUE D'ORDRE SUPERIEUR**
[72] PETERS, NILS GUNTHER, US
[72] SEN, DIPANJAN, US
[72] MORRELL, MARTIN JAMES, US
[71] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD AND SYSTEMS FOR DYNAMIC SELECTION OF AN ORIGINATING IDENTIFIER FOR BILLING OPTIMIZATION**
[54] **PROCEDE ET SYSTEMES DE SELECTION DYNAMIQUE D'UN IDENTIFIANT D'ORIGINE POUR OPTIMISATION DE FACTURATION**
[72] GRABOWICH, GEORGE ADRIAN, US
[71] VONAGE AMERICA INC., US
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[54] **LOCATION-BASED AUDIO MESSAGING**
[54] **MESSAGERIE AUDIO BASEE SUR LA LOCALISATION**
[72] BOSE, RAJA, US
[72] HORII, HIROSHI, US
[72] LESTER, JONATHAN, US
[72] BHARGAVA, RUCHITA, US
[72] KOISHIDA, KAZUHITO, US
[72] HOLTMANN, MICHELLE L., US
[72] CHEN, CHRISTINA, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **METHOD, TRANSMITTER AND SYSTEM FOR TRANSMITTING DATA OVER OPTICAL SUPER-CHANNEL**
[54] **PROCEDE, EMETTEUR ET SYSTEME POUR TRANSMETTRE DES DONNEES SUR UN SUPER-CANAL OPTIQUE**
[72] KOJIMA, KEISUKE, US
[72] PARSONS, KIERAN, US
[72] MILLAR, DAVID, US
[72] AKINO, TOSHIAKI, US
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[25] EN
[54] **ADAPTIVE DATA SEGMENT DELIVERY ARBITRATION FOR BANDWIDTH OPTIMIZATION**
[54] **ARBITRAGE DE FOURNITURE DE SEGMENTS DE DONNEES ADAPTATIF POUR L'OPTIMISATION DE LA LARGEUR DE BANDE**
[72] HURST, MARK B., US
[71] ECHOSTAR TECHNOLOGIES L.L.C., US
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[25] EN
[54] **SYSTEM AND METHOD FOR TRACKING VEHICLES IN PARKING STRUCTURES AND INTERSECTIONS**
[54] **SYSTEME ET PROCEDE POUR SUIVRE DES VEHICULES DANS DES STRUCTURES DE STATIONNEMENT ET DES INTERSECTIONS**
[72] CORTELYOU, ROBERT J., US
[72] OLIVER, CHRISTOPHER, US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-11-17
[86] 2015-05-21 (PCT/US2015/032035)
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[25] EN
[54] **OPTICAL TRACKING FOR CONTROLLING PYROTECHNIC SHOW ELEMENTS**
[54] **SUIVI OPTIQUE DE COMMANDE D'ELEMENTS DE SPECTACLE PYROTECHNIQUE**
[72] CORTELYOU, ROBERT J., US
[72] BLUM, STEVEN C., US
[72] KIDDOO, MICHAEL R., US
[71] UNIVERSAL CITY STUDIOS LLC, US
[85] 2016-11-17
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[25] EN
[54] **BLOCK ADAPTIVE COLOR-SPACE CONVERSION CODING**
[54] **CODAGE DE BLOC ADAPTATIF AVEC CONVERSION D'ESPACE CHROMATIQUE**
[72] ZHANG, LI, US
[72] CHEN, JIANLE, US
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-11-17
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[25] EN
[54] **METHODS AND SYSTEMS FOR MANAGING CONSECUTIVE RECORDINGS**
[54] **PROCEDES ET SYSTEMES DE GESTION D'ENREGISTREMENTS CONSECUTIFS**
[72] WOODWARD, KARL, GB
[71] ECHOSTAR UK HOLDINGS LIMITED, GB
[85] 2016-11-18
[86] 2015-06-18 (PCT/GB2015/051786)
[87] (WO2016/001626)
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[25] EN
[54] **AMPHIPHILIC MAGNETIC NANOPARTICLES AND AGGREGATES TO REMOVE HYDROCARBONS AND METAL IONS AND SYNTHESIS THEREOF**
[54] **NANOPARTICULES MAGNETIQUES AMPHIPHILES ET AGREGATS POUR ELIMINER DES HYDROCARBURES ET DES IONS METALLIQUES, ET SYNTHESE CORRESPONDANTE**
[72] MOSCATELLI, DAVIDE, IT
[72] MASI, MAURIZIO, IT
[72] PESCE, RUGGIERO MARIA, IT
[71] POLITECNICO DI MILANO, IT
[85] 2016-11-18
[86] 2015-05-18 (PCT/IB2015/053652)
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[25] EN
[54] **SYSTEM AND METHOD OF VALVE QUANTIFICATION**
[54] **SYSTEME ET PROCEDE DE QUANTIFICATION DE VALVE**
[72] PIAZZA, NICOLO, CA
[72] VERSCHUEREN, PETER, BE
[72] PIETILA, TODD, US
[71] MATERIALISE N.V., BE
[85] 2016-11-18
[86] 2015-05-20 (PCT/US2015/031811)
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[25] EN
[54] **OPTIMIZED SYNCHRONIZATION PROCEDURE FOR PROLONGED PERIODS OF SLEEP**
[54] **PROCEDURE DE SYNCHRONISATION OPTIMISEE POUR DES PERIODES PROLONGEES DE VEILLE**
[72] DAS, SAJAL KUMAR, IN
[72] BALLAKUR, RAVITEJ, IN
[72] JOHANSSON, NICKLAS, SE
[72] SAMUELSSON, MATS, SE
[72] DIACHINA, JOHN WALTER, US
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2016-11-21
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[25] EN
[54] **INDIVIDUAL BUFFER MANAGEMENT IN TRANSPORT OF SCALABLE VIDEO**
[54] **GESTION DE MEMOIRE TAMPON INDIVIDUELLE LORS DU TRANSPORT D'UNE VIDEO EXTENSIBLE**
[72] NARASIMHAN, MANDAYAM, US
[72] LUTHRA, AJAY K., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-11-21
[86] 2015-05-21 (PCT/US2015/031897)
[87] (WO2015/179596)
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[25] EN
[54] **SIGNALING AND SELECTION FOR THE ENHANCEMENT OF LAYERS IN SCALABLE VIDEO**
[54] **SIGNALISATION ET SELECTION POUR L'AMELIORATION DES COUCHES DE VIDEO ECHELONNABLE**
[72] NARASIMHAN, MANDAYAM, US
[72] LUTHRA, AJAY K., US
[71] ARRIS ENTERPRISES LLC, US
[85] 2016-11-21
[86] 2015-05-21 (PCT/US2015/031903)
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[25] EN
[54] **DEVICES AND METHODS FOR ASSISTING A USER OF A DRUG DELIVERY DEVICE**
[54] **DISPOSITIFS ET PROCEDES POUR AIDER UN UTILISATEUR D'UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
[72] TAMTORO, FERRY, US
[72] YANG, HUAYING, US
[72] LEE, MARK KA LAI, US
[72] YIN, DESHENG, US
[72] GIBSON, SCOTT R., US
[72] BUSBY, DONALD, US
[72] SHULTZ, PETER V., US
[72] KOGLER, KEITH P., US
[72] TAHA, BASEL HASAN, US
[72] WARD, JIMMIE L., US
[72] MCCULLOUGH, ADAM B., US
[72] BADELT, STEVEN WILLIAM, US
[71] AMGEN INC., US
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[54] **WORKLOAD AUTOMATION AND DATA LINEAGE ANALYSIS**
[54] **AUTOMATISATION DE LA CHARGE UTILE ET ANALYSE DE TRACABILITE DES DONNEES**
[72] WOLFSON, HARRY MICHAEL, US
[72] GOULD, JOEL, US
[72] YERACARIS, ANTHONY, US
[72] WAKELING, TIM, US
[71] AB INITIO TECHNOLOGY LLC, US
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[54] **OVER-THE-NEEDLE CATHETER SLEEVE**
[54] **MANCHON POUR CATHETER SUR AIGUILLE**
[72] KHALAJ, STEVE SAEED, US
[71] AVENT, INC., US
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[86] 2015-06-10 (PCT/US2015/035039)
[87] (WO2015/195425)
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[25] EN
[54] **REWINDING MACHINE AND REWINDING METHOD**
[54] **MACHINE D'ENROULAGE ET PROCEDE D'ENROULAGE**
[72] DETTORI, DANIELE, IT
[72] BERTOLI BARSOTTI, GIOVANNI, IT
[72] PARDINI, GIONATA, IT
[71] UNIVERSAL TISSUE TECHNOLOGY S.R.L., IT
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[51] **Int.Cl. G01N 23/04 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR ESTIMATION OF A QUALITY INDEX OF A 3-D IMAGE OF A PIECE OF COMPOSITE MATERIAL**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION D'UN INDICE DE QUALITE D'UNE IMAGE 3D D'UNE PIECE DE MATERIAU COMPOSITE**
[72] MORARD, VINCENT, FR
[72] PARRA, ESTELLE, FR
[72] SCHNEIDER, JULIEN, FR
[72] TOURAIS, DAVID, FR
[71] SAFRAN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **REPAIR OF PIPES**
[54] **REPARATION DE TUYAUX**
[72] ARNOLD, SCOTT, US
[72] JIMENEZ, TOMAS, US
[72] DELETTO, NICKOLAS, US
[71] FYFE CO. LLC, US
[85] 2016-11-23
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[25] EN
[54] **HYBRID QUANTUM CIRCUIT ASSEMBLY**
[54] **ENSEMBLE CIRCUIT QUANTIQUE HYBRIDE**
[72] NAAMAN, OFER, US
[72] PRZYBYSZ, ANTHONY JOSEPH, US
[72] LEWIS, RUPERT M., US
[72] SENDELBACH, STEVEN L., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2016-11-22
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[54] **MULTI-FORCE SENSING INSTRUMENT AND METHOD OF USE FOR ROBOTIC SURGICAL SYSTEMS**
[54] **INSTRUMENT DE DETECTION DE FORCES MULTIPLES ET PROCEDE D'UTILISATION POUR DES SYSTEMES CHIRURGICAUX ROBOTIQUES**
[72] HE, XINGCHI, US
[72] IORDACHITA, IULIAN, US
[72] BALICKI, MARCIN, US
[72] TAYLOR, RUSSELL H., US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2016-11-23
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[25] EN
[54] **SYSTEMS AND METHODS OF MANAGING PROCESSOR DEVICE POWER CONSUMPTION**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE GERER LA CONSOMMATION D'ENERGIE D'UN DISPOSITIF PROCESSEUR**
[72] PUSUKURI, KISHORE KUMAR, US
[72] CASCAVAL, GHEORGHE CALIN, US
[72] WEBER, MICHAEL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-11-23
[86] 2015-06-04 (PCT/US2015/034169)
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[25] EN
[54] **NEEDLE HUB FOR OVER-THE-NEEDLE CATHETER**
[54] **RACCORD D'AIGUILLE POUR CATHETER AU-DESSUS DE L'AIGUILLE**
[72] KHALAJ, STEVE SAEED, US
[71] AVENT, INC., US
[85] 2016-11-23
[86] 2015-06-10 (PCT/US2015/035047)
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[25] EN
[54] **DEVICE WITH AN OPERATOR CONTROL ELEMENT WHICH IS ASSOCIATED WITH A HANDLE**
[54] **APPAREIL POURVU D'UN ELEMENT DE COMMANDE ASSOCIE A UNE POIGNEE**
[72] HOMER, ALOIS, AT
[71] NOVOMATIC AG, AT
[85] 2016-11-24
[86] 2015-05-19 (PCT/EP2015/060948)
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[30] DE (10 2014 008 159.1) 2014-05-30

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[25] EN
[54] **METHOD OF GOVERNING THE ELEVATION, ATTITUDE AND STRUCTURAL INTEGRITY OF A PRESSURE-CONTAINING VESSEL SUCH AS AN UNDERSEA PIPELINE IN A BODY OF LIQUID**
[54] **PROCEDE DE COMMANDE DE L'ELEVATION, DE L'ATTITUDE ET DE L'INTEGRITE STRUCTURELLE D'UN RECIPIENT SOUS PRESSION TEL QU'UNE CANALISATION SOUS-MARINE DANS UN CORPS DE LIQUIDE**
[72] WILSON, MICHAEL W. N, GB
[71] ECOSSE SUBSEA SYSTEMS LTD., GB
[85] 2016-11-24
[86] 2015-05-28 (PCT/EP2015/061886)
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[25] EN
[54] **COMPACT HYDROCARBON WELLSTREAM PROCESSING**
[54] **DISPOSITIF COMPACT DE TRAITEMENT DE FLUX DE PUITS D'HYDROCARBURES**
[72] KOJEN, GRY PEDERSEN, NO
[72] GJERTSEN, LARS HENRIK, NO
[72] MIGUENS, ANDREA CAROLINA MACHADO, NO
[72] FREDHEIM, ARNE OLAV, NO
[72] JOHNSEN, CECILIE GOTAAS, NO
[72] MARAK, KNUT ARILD, NO
[71] STATOIL PETROLEUM AS, NO
[85] 2016-11-24
[86] 2015-05-29 (PCT/EP2015/062045)
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[51] **Int.Cl. E21B 43/12 (2006.01)**
[25] EN
[54] **GAS LIFT VALVE**
[54] **SOUPAPE DE GAS-LIFT**
[72] KLEPPA, ERLING, NO
[72] PETTERSEN, STALE, NO
[71] PETROLEUM TECHNOLOGY COMPANY AS, NO
[85] 2016-11-24
[86] 2015-07-22 (PCT/EP2015/066721)
[87] (WO2016/016057)
[30] NO (20140943) 2014-07-28

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[51] **Int.Cl. F16L 3/02 (2006.01) F16L 3/18 (2006.01) F16L 58/00 (2006.01)**
[25] EN
[54] **PIPE SUPPORT STRUCTURE**
[54] **STRUCTURE SUPPORT DE TUYAU**
[72] DRUMMOND, PHILIP, GB
[71] DOOSAN BABCOCK LIMITED, GB
[85] 2016-11-24
[86] 2015-06-24 (PCT/GB2015/051838)
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[30] GB (1411237.9) 2014-06-25

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[72] ABT, FELIX, CH
[72] CHOSSON, SYLVAIN, CH
[71] GEMALTO AG, CH
[71] ORELL FUSSLI SICHERHEITSDRUCK AG, CH
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[25] EN
[54] **A METHOD FOR THE RELATIVE QUANTIFICATION OF CHEMICAL COMPOUNDS CONTAINED IN A MIXTURE OF DIFFERENT BIOLOGICAL SAMPLES**
[54] **PROCEDE DE QUANTIFICATION RELATIVE DE COMPOSES CHIMIQUES CONTENUS DANS UN MELANGE DE DIFFERENTS ECHANTILLONS BIOLOGIQUES**
[72] VALKENBORG, DIRK, BE
[72] HOOYBERGHS, JEF, BE
[71] VITO NV, BE
[85] 2016-11-25
[86] 2015-05-28 (PCT/EP2015/061823)
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[30] US (62/003,610) 2014-05-28

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[25] FR
[54] **DEVICE AND METHOD FOR THREE-DIMENSIONAL DIGITAL MODELLING**
[54] **DISPOSITIF ET PROCEDE DE MODELISATION NUMERIQUE EN TROIS DIMENSIONS**
[72] MADOUI, NOUREDDINE, DE
[72] LAAROUSSI, AMIN, TN
[71] DEFACTO, FR
[85] 2016-11-23
[86] 2015-05-21 (PCT/EP2015/061284)
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[25] EN
[54] **A ROTOR BLADE SYSTEM**
[54] **SYSTEME DE PALE DE ROTOR**
[72] HARDWICK, MARK, GB
[72] STACEY, SIMON, GB
[71] AGUSTAWESTLAND LIMITED, GB
[85] 2016-11-25
[86] 2015-05-28 (PCT/GB2015/051552)
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[25] EN
[54] **DISK BRAKE, BRAKE CALIPER AND BRAKE PAD SET FOR A DISK BRAKE**
[54] **FREIN A DISQUE, ETRIER DE FREIN ET JEU DE PLAQUETTES DE FREIN POUR UN FREIN A DISQUE**
[72] FISCHL, TOBIAS, DE
[71] KNORR-BREMSE SYSTEME FUR NUTZFAHRZEUGE GMBH, DE
[85] 2016-11-28
[86] 2015-05-20 (PCT/EP2015/061189)
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[25] EN
[54] **OVERMOLDED CUTLERY ARTICLES**
[54] **ARTICLES DE COUTELLERIE SURMOULES**
[72] SHAPIRO, BENJAMIN, US
[72] WLEZIEN, CHRISTOPHER, US
[72] RATHGEBER, MARTIN, US
[72] SHAPIRO, MATTHEW, US
[71] MODERN PACKAGING LLC, US
[85] 2016-11-25
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[54] **WELLBORE ACTIVATION SYSTEM**
[54] **SYSTEME D'ACTIVATION DE PUITS DE FORAGE**
[72] MAIR, ROBIN BARCLAY, GB
[71] WELL-SENSE TECHNOLOGY LIMITED, GB
[85] 2016-11-28
[86] 2015-05-27 (PCT/GB2015/051539)
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[51] **Int.Cl. F23R 3/32 (2006.01) F02C 7/232 (2006.01) F23R 3/28 (2006.01) F23R 3/30 (2006.01) F23R 3/34 (2006.01)**
[25] EN
[54] **COMBUSTION DEVICE FOR GAS TURBINE ENGINE**
[54] **DISPOSITIF DE COMBUSTION POUR TURBINE A GAZ**
[72] HORIKAWA, ATSUSHI, JP
[72] KAZARI, MASAHIDE, JP
[72] OKADA, KUNIO, JP
[72] KITAJIMA, JUNICHI, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**
[25] EN
[54] **CO2 RECOVERY UNIT AND CO2 RECOVERY METHOD**
[54] **DISPOSITIF DE RECUPERATION DE CO2 ET PROCEDE DE RECUPERATION DE CO2**
[72] NAKAGAWA, YOSUKE, JP
[72] SHIMADA, DAISUKE, JP
[72] TSUJIUCHI, TATSUYA, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2016-11-28
[86] 2015-06-19 (PCT/JP2015/067751)
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[25] EN
[54] **BROADCAST SIGNAL TRANSMITTING APPARATUS, BROADCAST SIGNAL RECEIVING APPARATUS, BROADCAST SIGNAL TRANSMITTING METHOD, AND BROADCAST SIGNAL RECEIVING METHOD**
[54] **APPAREIL D'EMISSION ET APPAREIL DE RECEPTION DE SIGNAL DE RADIODIFFUSION, PROCEDE D'EMISSION ET PROCEDE DE RECEPTION DE SIGNAL DE RADIODIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] KO, WOOSUK, KR
[72] BACK, SEOYOUNG, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-11-28
[86] 2015-04-21 (PCT/KR2015/003980)
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[25] EN
[54] **METHOD FOR DECREASING IMMUNOGENICITY OF PROTEIN AND PEPTIDE**
[54] **PROCEDE PERMETTANT DE REDUIRE L'IMMUNOGENICITE D'UNE PROTEINE ET D'UN PEPTIDE**
[72] PARK, SUNG HEE, KR
[72] KIM, SEUNG SU, KR
[72] LIM, HYUNG KYU, KR
[72] CHOI, JAE HYUK, KR
[72] CHOI, IN YOUNG, KR
[72] KWON, SE CHANG, KR
[71] HANMI PHARM. CO., LTD., KR
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[30] KR (10-2014-0068660) 2014-06-05

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[51] **Int.Cl. B66F 15/00 (2006.01) B66F 3/00 (2006.01) B66F 19/00 (2006.01)**
[25] FR
[54] **OUTILLAGE DESTINE A SOULEVER UN VEHICULE**
[54] **TOOL INTENDED FOR RAISING A VEHICLE**
[72] CLERC, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-11-29
[86] 2015-06-01 (PCT/EP2015/062065)
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[51] **Int.Cl. B60N 2/72 (2006.01)**
[25] EN
[54] **SPRING MOUNTING STRUCTURE IN SEAT BACK**
[54] **STRUCTURE FIXEE PAR RESSORT DANS UN DOSSIER DE SIEGE**
[72] HASHIMOTO, SATOSHI, JP
[72] TAKAGI, SHUN, JP
[72] HORI, TAKUYA, JP
[72] YAMAMOTO, KENTARO, JP
[71] TACHI-S CO., LTD., JP
[85] 2016-11-29
[86] 2015-04-03 (PCT/JP2015/060603)
[87] (WO2016/002286)
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[13] A1
[51] **Int.Cl. A61B 17/88 (2006.01) A61B 17/82 (2006.01) A61B 17/84 (2006.01)**
[25] EN
[54] **BONE FIXATION ASSEMBLY**
[54] **ENSEMBLE DE FIXATION OSSEUSE**
[72] VOISARD, CYRIL, CH
[72] MOOTIEN, AZAGEN, FR
[72] CROZIER, ETIENNE, CH
[72] THULIEZ, JEAN-LUC, CH
[72] OBLIGER, NICOLAS, FR
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2016-11-29
[86] 2015-05-05 (PCT/US2015/029214)
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[30] US (62/005,552) 2014-05-30

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[51] **Int.Cl. C12N 15/09 (2006.01) C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12Q 1/68 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01) G01N 37/00 (2006.01)**
[25] EN
[54] **PANCREATIC CANCER DETECTION KIT OR DEVICE, AND DETECTION METHOD**
[54] **KIT DE DETECTION DU CANCER DU PANCREAS, DISPOSITIF ET METHODE DE DETECTION**
[72] KAWAUCHI, JUNPEI, JP
[72] NOBUMASA, HITOSHI, JP
[72] KOZONO, SATOKO, JP
[72] KONDOU, SATOSHI, JP
[72] SUDO, HIROKO, JP
[72] OCHIAI, ATSUSHI, JP
[72] KOJIMA, MOTOHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
[85] 2016-11-29
[86] 2015-05-29 (PCT/JP2015/065696)
[87] (WO2015/182781)
[30] JP (2014-113523) 2014-05-30
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[51] **Int.Cl. C08G 18/61 (2006.01) B05D 5/00 (2006.01) C08F 283/02 (2006.01) C08G 77/04 (2006.01) C08L 83/04 (2006.01) C09D 183/04 (2006.01) C09D 183/10 (2006.01) C09K 3/18 (2006.01)**
[25] EN
[54] **ICE ADHESION REDUCING POLYMERS**
[54] **POLYMERES REDUISANT L'ADHERENCE DE LA GLACE**
[72] BATEMAN, STUART ARTHUR, AU
[72] SIMONS, RANYA, AU
[72] LI, SHENG, AU
[72] RUSSELL, LEE, AU
[72] BERRY, DOUGLAS HENRY, US
[72] SEEBERGH, JILL ELISABETH, US
[71] THE BOEING COMPANY, US
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2016-11-29
[86] 2015-05-29 (PCT/AU2015/000324)
[87] (WO2015/179903)
[30] US (62/005,653) 2014-05-30

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[13] A1
[51] **Int.Cl. G01F 1/78 (2006.01) B67D 3/00 (2006.01)**
[25] EN
[54] **FLUID FLOW TESTING**
[54] **TEST D'ECOULEMENT DE FLUIDE**
[72] KISELA, DAVID, US
[72] AMES, GERALD L., US
[72] HIMMELEIN, MARVIN KARL, US
[72] GERDEMAN, JAMES EDWARD, US
[72] MILLER, PETER, US
[72] SABO, DANIEL S., US
[71] OWENS-BROCKWAY GLASS CONTAINER INC., US
[85] 2016-11-29
[86] 2015-05-14 (PCT/US2015/030832)
[87] (WO2015/187334)
[30] US (14/294,835) 2014-06-03

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[51] **Int.Cl. B25B 27/00 (2006.01) A62C 37/09 (2006.01) B25B 23/08 (2006.01)**
[25] EN
[54] **SPRINKLER INSTALLATION TOOLS AND METHODS**
[54] **OUTILS ET PROCEDES D'INSTALLATION D'EXTINCTEUR AUTOMATIQUE**
[72] CONNERY, LUKE STEVENSON, US
[72] BRIGHENTI, JEFFREY MARTIN, US
[72] KANNAN, BHARANI, IN
[72] KRISHNASWAMY, MANIKANDAN, IN
[72] BROWN, KENNETH ROBERT, US
[72] BEAGEN, JOSEPH W., US
[71] TYCO FIRE PRODUCTS LP, US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2016-11-29
[86] 2015-05-28 (PCT/US2015/032976)
[87] (WO2015/184137)
[30] US (62/005,777) 2014-05-30
[30] US (62/068,442) 2014-10-24
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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) A61B 5/055 (2006.01) G01R 33/483 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SIGNAL PROCESSING**
[54] **PROCEDE ET SYSTEME DE TRAITEMENT DE SIGNAL**
[72] HART, COREY BRENDAN, US
[72] ROSE, WILLIAM J., US
[71] LEIDOS INNOVATIONS TECHNOLOGY, INC., US
[85] 2016-11-29
[86] 2015-05-29 (PCT/US2015/033287)
[87] (WO2015/184328)
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[51] **Int.Cl. A61K 31/685 (2006.01) A61K 31/135 (2006.01) A61K 31/661 (2006.01) A61P 9/00 (2006.01)**
[25] EN
[54] **PROTECTIVE EFFECT OF DMPC, DMPG, DMPC/DMPG, EGPG, LYSOPG AND LYSOPC AGAINST DRUGS THAT CAUSE CHANNELOPATHIES**
[54] **EFFET PROTECTEUR DE DMPC, DMPG, DMPC/DMPG, EGPG, LYSOPG ET LYSOPC CONTRE DES MEDICAMENTS PROVOQUANT DES CANALOPATHIES**
[72] HELSON, LAWRENCE, US
[72] SHOPP, GEORGE M., US
[72] MAJEED, MUHAMMED, US
[72] BURGESS, STEPHEN, US
[72] SHAW, WALTER A., US
[72] BOUCHARD, ANNIE, CA
[71] SIGNPATH PHARMA, INC., US
[71] AVANTI POLAR LIPIDS, INC., US
[85] 2016-11-29
[86] 2015-06-03 (PCT/US2015/034078)
[87] (WO2015/187883)
[30] US (62/007,244) 2014-06-03
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[30] US (62/150,059) 2015-04-20
[30] US (14/729,940) 2015-06-03

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[13] A1
[51] **Int.Cl. G21G 1/06 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING ISOTOPES USING HEAVY WATER NUCLEAR REACTOR**
[54] **PROCEDE DE PREPARATION D'ISOTOPES A L'AIDE DE REACTEUR NUCLEAIRE A EAU LOURDE**
[72] PARK, YOUN-WON, KR
[71] PARK, YOUN-WON, KR
[85] 2016-11-29
[86] 2015-06-17 (PCT/KR2015/006134)
[87] (WO2015/199372)
[30] KR (10-2014-0077353) 2014-06-24

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[51] **Int.Cl. C07D 455/03 (2006.01) C07D 217/20 (2006.01) C07D 221/18 (2006.01)**
[25] EN
[54] **OXIDATIVE DEAROMATIZATION OF BERBINES**
[54] **DESAROMATISATION OXYDATIVE DE BERBINES**
[72] GROTE, CHRISTOPHER W., US
[71] MALLINCKRODT LLC, US
[85] 2016-11-29
[86] 2015-06-11 (PCT/US2015/035300)
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[30] US (62/010,648) 2014-06-11

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[51] **Int.Cl. A61K 31/433 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CANCERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE CANCERS**
[72] EDDERKAOUI, MOUAD, US
[72] MURALI, RAMACHANDRAN, US
[72] PANDOL, STEPHEN, US
[71] CEDARS-SINAI MEDICAL CENTER, US
[85] 2016-11-29
[86] 2015-06-12 (PCT/US2015/035659)
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[30] US (62/011,413) 2014-06-12

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **ACTIONABLE VERIFIABLE MICRO-CROWD SOURCING**
[54] **MICROPRODUCTION PARTICIPATIVE EXECUTABLE ET VERIFIABLE**
[72] MINGARELLI, GIOVANNA, CA
[72] LEE, BRANDON, CA
[71] MCROWDSOURCING CANADA INC., CA
[85] 2016-11-30
[86] 2015-06-01 (PCT/CA2015/000351)
[87] (WO2015/179957)
[30] US (62/004,996) 2014-05-30

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[51] **Int.Cl. C07D 401/00 (2006.01)**
[25] EN
[54] **INHIBITORS OF THE RENAL OUTER MEDULLARY POTASSIUM CHANNEL**
[54] **INHIBITEURS DU CANAL A POTASSIUM MEDULLAIRE EXTERNE RENAL**
[72] PASTERNAK, ALEXANDER, US
[72] DAVIES, IAN, US
[72] DING, FA-XIANG, US
[72] DONG, SHUZHI, US
[72] JIANG, JINLONG, US
[72] GU, XIN, US
[71] MERCK SHARP & DOHME CORP., US
[85] 2016-11-29
[86] 2015-07-09 (PCT/US2015/039634)
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[30] US (62/023,981) 2014-07-14

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[13] A1
[51] **Int.Cl. C04B 5/02 (2006.01) C21B 3/06 (2006.01) C22B 7/04 (2006.01)**
[25] EN
[54] **GRANULATED SLAG PRODUCTS AND PROCESSES FOR THEIR PRODUCTION**
[54] **PRODUITS DE LAITIER GRANULES ET LEUR PROCEDES DE PRODUCTION**
[72] FAUCHER, SANTIAGO, CA
[72] SO, LAI CHI, CA
[71] HATCH LTD., CA
[85] 2016-11-30
[86] 2015-03-20 (PCT/CA2015/050209)
[87] (WO2015/184532)
[30] US (62/007,180) 2014-06-03

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[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) E04F 13/21 (2006.01) E04F 13/24 (2006.01)**
[25] EN
[54] **PANEL SYSTEM FOR COVERING A BUILDING WALL**
[54] **SYSTEME DE PANNEAUX DESTINE A RECOUVRIR UN MUR DE BATIMENT**
[72] LIBREIRO, MIGUEL ANTONIO MOORE, CA
[72] MCKINLEY, JOEL ADAM, CA
[71] CARTER FABRICATING INC., CA
[85] 2016-11-30
[86] 2015-05-29 (PCT/CA2015/050489)
[87] (WO2015/179982)
[30] US (62/005,148) 2014-05-30
[30] US (62/132,253) 2015-03-12
[30] US (14/701,610) 2015-05-01

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[51] **Int.Cl. C07D 207/267 (2006.01) A61K 31/197 (2006.01) A61K 31/4015 (2006.01) A61P 25/08 (2006.01) C07C 233/47 (2006.01)**
[25] EN
[54] **COMPOUNDS FOR THE TREATMENT OF SEIZURES AND OTHER CENTRAL NERVOUS SYSTEM DISORDERS AND CONDITIONS**
[54] **COMPOSES POUR LE TRAITEMENT DE CRISES EPILEPTIQUES ET D'AUTRES TROUBLES ET AFFECTIONS DU SYSTEME NERVEUX CENTRAL**
[72] ARAUJO, JOSEPH A., CA
[72] ANDREWS, JOHN S., CA
[72] ANNEDI, SUBHASH C., CA
[72] HIGGINS, GUY A., CA
[72] MILGRAM, NORTON W., CA
[72] ESTEY, PAULA J., CA
[72] ROBINSON, GARY L.W.G., US
[72] NAGIREDDY, JAIPAL R., CA
[71] KETOGEN INC., CA
[85] 2016-11-30
[86] 2015-06-02 (PCT/CA2015/050507)
[87] (WO2015/184542)
[30] US (62/006,515) 2014-06-02

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[13] A1
[51] **Int.Cl. C04B 33/132 (2006.01) C04B 35/622 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING MICRONIZED SANDSTONE OBTAINED FROM CERAMICS OR INDUSTRIAL WASTES OF CERAMIC MANUFACTURING CONTAINING TIO2 BIO-ADDITIVE, AND PRODUCT THEREOF**
[54] **PROCEDE DE FABRICATION DE GRES MICRONISE OBTENU DE CERAMIQUES OU DE RESIDUS INDUSTRIELS DE FABRICATION DE CERAMIQUE RENFERMANT UN BIO-ADDITIF TIO2, ET PRODUIT ASSOCIE**
[72] GASSI, ANGELO, CA
[71] GASSI, ANGELO, CA
[85] 2016-11-30
[86] 2014-07-03 (PCT/BR2014/000219)
[87] (WO2016/000049)
[30] BR (PCT/BR2014/000219) 2014-07-03

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[13] A1
[51] **Int.Cl. F24F 13/22 (2006.01) E03B 3/28 (2006.01) F24F 1/02 (2011.01) F24F 13/02 (2006.01)**
[25] EN
[54] **AIR TEMPERATURE CONTROL UNIT AND PROCESS FOR CONTROLLING AIR TEMPERATURE AND PRODUCING PURIFIED WATER**
[54] **UNITE DE REGULATION DE TEMPERATURE D'AIR, ET PROCEDE DE REGULATION DE TEMPERATURE D'AIR ET DE PRODUCTION D'EAU PURIFIEE**
[72] FRASER, ROBERT PHILIP, CA
[71] DEW POINT RESEARCH DEVELOPMENT CORP., CA
[85] 2016-11-30
[86] 2015-06-22 (PCT/CA2015/050577)
[87] (WO2015/192252)
[30] US (62/015,247) 2014-06-20

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[13] A1
[51] **Int.Cl. A01N 59/20 (2006.01) A01N 25/02 (2006.01) A61K 33/30 (2006.01) A61K 33/34 (2006.01) A61P 17/00 (2006.01) A61P 31/02 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **BIOCIDE FORMULATION FOR PROTECTING THE SKIN, COMPRISING PENTAHYDRATE COPPER SALTS AND HEPTAHYDRATE ZINC SALTS**
[54] **FORMULATION BIOCIDE POUR PROTEGER LA PEAU QUI COMPREND DES SELS DE CUIVRE PENTAHYDRATE ET DES SELS DE ZINC HEPTAHYDRATE**
[72] GONZALEZ GONZALEZ, JORGE LUIS, CL
[71] BIOGENESIS ANIMAL HEALTH, CL
[85] 2016-11-30
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[87] (WO2015/192260)
[30] CL (1582-2014) 2014-06-16

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[51] **Int.Cl. H02J 3/00 (2006.01)**
[25] EN
[54] **AUTOMATIC DROOP CONTROL METHOD FOR MICROGRIP INVERTERS BASES ON SMALL-SIGNAL STABILITY ANALYSIS**
[54] **METHODE DE CONTROLE D'AFFAISSEMENT AUTOMATIQUE DESTINEE A DES CONVERTISSEURS MICROGRIP FONDEE SUR L'ANALYSE DE LA STABILITE D'UN PETIT SIGNAL**
[72] LI, GUANGLEI, CN
[72] SUN, SHUMIN, CN
[72] LI, HONGMEI, CN
[72] SHI, XIN, CN
[72] LI, SUN, CN
[72] CHENG, YAN, CN
[71] STATE GRID CORPORATION OF CHINA, CN
[71] ELECTRIC POWER RESEARCH INSTITUTE OF STATE GRID SHANDONG ELECTRIC POWER COMPANY, CN
[85] 2016-11-30
[86] 2014-06-16 (PCT/CN2014/079930)
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[30] CN (201310559711.8) 2013-11-12

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[13] A1
[51] **Int.Cl. H04N 19/13 (2014.01) H04N 19/91 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS OF BINARIZATION AND CONTEXT-ADAPTIVE CODING FOR SYNTAX IN VIDEO CODING**
[54] **PROCEDE ET APPAREIL DE BINARISATION ET DE CODAGE ADAPTATIF SELON LE CONTEXTE POUR UNE SYNTAXE DANS UN CODAGE VIDEO**
[72] HSIANG, SHIH-TA, CN
[72] CHUANG, TZU-DER, CN
[71] HFI INNOVATION INC., CN
[85] 2016-11-30
[86] 2015-06-18 (PCT/CN2015/081751)
[87] (WO2015/192779)
[30] US (62/014,970) 2014-06-20
[30] US (62/017,401) 2014-06-26
[30] US (62/020,518) 2014-07-03
[30] US (62/021,287) 2014-07-07

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[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **IMPLANT FOR DETERMINING INTRAOCULAR PRESSURE**
[54] **IMPLANT DE DETERMINATION DE LA PRESSION INTRAOCULAIRE**
[72] OSTERMEIER, MAX, DE
[72] MEYER, STEFAN, DE
[72] SZURMAN, PETER, DE
[71] IMPLANDATA OPHTHALMIC PRODUCTS GMBH, DE
[85] 2016-11-30
[86] 2015-06-10 (PCT/EP2015/062976)
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[51] **Int.Cl. A01B 45/02 (2006.01)**
[25] EN
[54] **APPARATUS FOR TREATING A LAWN SURFACE**
[54] **APPAREIL POUR LE TRAITEMENT D'UNE SURFACE DE GAZON**
[72] ALBAEK, MICHAEL, DK
[71] ENGBAKKEN HOLDING 2012 APS, DK
[85] 2016-11-30
[86] 2014-08-27 (PCT/DK2014/050253)
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[30] DK (PA 2013 70469) 2013-08-28

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[51] **Int.Cl. H04N 7/18 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REMOTE MONITORING AT LEAST ONE OBSERVATION AREA**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE A DISTANCE D'AU MOINS UNE ZONE D'OBSERVATION**
[72] NORLAND, MAGNE, NO
[72] HELLUM, KJELL ARNE, NO
[72] HENRIKSEN, JORN ARE, NO
[72] LARSEN, JAN OVE, NO
[72] NILSSEN, GLENN LEVI, NO
[72] JOHNSEN, ROAR, NO
[72] LIND, STEINAR, NO
[72] OVERREIN, OYVIND, NO
[72] ALMAS, VEGARD, NO
[72] JENSEN, PER INGE, NO
[72] FRITZNER, CLAUS, NO
[72] BAKKA, BJORN OLAV, NO
[72] STEINLI, EIRIK JOAKIM, NO
[72] HELGERUD, THOR CHRISTIAN, NO
[71] KONGSBERG DEFENCE & AEROSPACE AS, NO
[85] 2016-11-30
[86] 2014-06-06 (PCT/EP2014/061873)
[87] (WO2015/185161)

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[51] **Int.Cl. H01C 7/12 (2006.01) H01T 4/16 (2006.01)**
[25] EN
[54] **SURGE ARRESTER MODULE AND SURGE ARRESTER**
[54] **MODULE DE LIMITEUR DE SURTENSION ET LIMITEUR DE SURTENSION**
[72] JOHANSSON, DANIEL, SE
[71] ABB SCHWEIZ AG, CH
[85] 2016-11-30
[86] 2015-03-26 (PCT/EP2015/056508)
[87] (WO2015/185237)
[30] EP (14171190.3) 2014-06-04

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[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/12 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING AND PREVENTING STAPHYLOCOCCUS AUREUS INFECTIONS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT ET DE PREVENTION DES INFECTIONS A STAPHYLOCOCCUS AUREUS**
[72] SIMARD, JOHN, US
[71] XBIOTECH, INC., CA
[85] 2016-11-29
[86] 2015-06-03 (PCT/US2015/033902)
[87] (WO2015/187779)
[30] US (62/007,242) 2014-06-03
[30] US (62/041,423) 2014-08-25
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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) F04D 13/10 (2006.01)**
[25] EN
[54] **MONITORING AN ELECTRIC SUBMERSIBLE PUMP FOR FAILURES**
[54] **SURVEILLANCE D'UNE POMPE SUBMERSIBLE ELECTRIQUE POUR DES DEFAILLANCES**
[72] COSTE, EMMANUEL, US
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2016-11-29
[86] 2015-06-03 (PCT/US2015/033931)
[87] (WO2015/187796)
[30] US (62/007,382) 2014-06-03

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[13] A1
[51] **Int.Cl. A61K 31/437 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **METHODS OF INCREASING TONIC INHIBITION AND TREATING SECONDARY INSOMNIA**
[54] **METHODES POUR AUGMENTER L'INHIBITION TONIQUE ET TRAITER L'INSOMNIE SECONDAIRE**
[72] DURING, MATTHEW, US
[71] OVID THERAPEUTICS, INC., US
[85] 2016-11-29
[86] 2015-06-03 (PCT/US2015/034018)
[87] (WO2015/187851)
[30] US (62/008,939) 2014-06-06

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) B60W 30/095 (2012.01) B60T 7/22 (2006.01) B60W 40/04 (2006.01) G06F 17/18 (2006.01) G01S 17/93 (2006.01)**
[25] FR
[54] **DYNAMIC SCENE ANALYSIS METHOD, AND ASSOCIATED ANALYSIS MODULE AND COMPUTER PROGRAMME**
[54] **PROCEDE D'ANALYSE D'UNE SCENE DYNAMIQUE, MODULE D'ANALYSE ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] LAUGIER, CHRISTIAN, FR
[72] NEGRE, AMAURY, FR
[72] PERROLLAZ, MATHIAS, FR
[72] RUMMELHARD, LUKAS, FR
[71] INRIA INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-11-30
[86] 2015-06-02 (PCT/FR2015/051449)
[87] (WO2015/185846)
[30] FR (1455183) 2014-06-06

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[13] A1
[51] **Int.Cl. C21D 1/00 (2006.01) C21D 1/34 (2006.01) C21D 9/00 (2006.01) F27D 5/00 (2006.01)**
[25] EN
[54] **FAR-INFRARED RADIATION HEATING FURNACE FOR STEEL SHEET FOR HOT STAMPING**
[54] **FOUR DE CHAUFFAGE A INFRAROUGE LOINTAIN POUR TOLE D'ACIER POUR PRESSAGE A CHAUD**
[72] AIKAWA SHINJI, JP
[71] NIPPON STEEL & SUMIKIN TEXENG. CO., LTD., JP
[71] SHOWA MANUFACTURING CO., LTD., JP
[85] 2016-11-30
[86] 2015-05-28 (PCT/JP2015/065410)
[87] (WO2015/186600)
[30] JP (2014-117877) 2014-06-06

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[13] A1
[51] **Int.Cl. G01N 30/86 (2006.01) G01N 30/72 (2006.01) G01N 30/88 (2006.01)**
[25] EN
[54] **METHOD FOR CONVERTING MASS SPECTRAL LIBRARIES INTO ACCURATE MASS SPECTRAL LIBRARIES**
[54] **PROCEDE DE CONVERSION DE BANQUES SPECTRALES DE MASSE EN BANQUES SPECTRALES DE MASSE PRECISES**
[72] DUCHOSLAV, EVA, CA
[72] BURTON, LYLE LORRENCE, CA
[72] BONNER, RONALD F., CA
[71] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
[85] 2016-11-30
[86] 2015-05-07 (PCT/IB2015/053351)
[87] (WO2015/186012)
[30] US (62/006,805) 2014-06-02

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[13] A1
[51] **Int.Cl. F24C 7/04 (2006.01) F24C 15/10 (2006.01)**
[25] EN
[54] **INDUCTION HEATING COOKING DEVICE**
[54] **DISPOSITIF DE CUISSON A CHAUFFAGE PAR INDUCTION**
[72] JUNG, GWANG JIN, KR
[72] KIM, JUNG KWON, KR
[72] LEE, JI HYEOUNG, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-11-30
[86] 2015-05-20 (PCT/KR2015/005038)
[87] (WO2015/182914)
[30] KR (10-2014-0066320) 2014-05-30

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[13] A1
[51] **Int.Cl. A61C 19/06 (2006.01)**
[25] EN
[54] **AN ANATOMICAL DRAPE DEVICE**
[54] **DISPOSITIF DE CHAMP ANATOMIQUE**
[72] SANDERS, DANIEL, IL
[71] MAVRIK DENTAL SYSTEMS LTD., IL
[85] 2016-11-30
[86] 2015-06-01 (PCT/IB2015/054154)
[87] (WO2015/186051)
[30] GB (1409780.2) 2014-06-02

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[13] A1
[51] **Int.Cl. C11B 13/02 (2006.01) C11B 3/04 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING CRUDE TALL OIL**
[54] **PROCEDE POUR LA RECUPERATION DE TALLOL BRUT**
[72] FINER, TIIA, FI
[72] TIMONEN, OLLI, FI
[71] STORA ENSO OYJ, FI
[85] 2016-11-30
[86] 2015-06-02 (PCT/IB2015/054170)
[87] (WO2015/186060)
[30] SE (1450683-6) 2014-06-05

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[13] A1
[51] **Int.Cl. C01B 21/12 (2006.01) G01N 21/25 (2006.01) G01N 21/35 (2014.01)**
[25] EN
[54] **METHOD FOR QUANTIFYING THE AMOUNT OF AMMONIUM BICARBONATE IN A SOLID SAMPLE OF AMMONIUM CARBAMATE**
[54] **PROCEDE DE QUANTIFICATION DU BICARBONATE D'AMMONIUM PRESENT DANS UN ECHANTILLON SOLIDE DE CARBAMATE D'AMMONIUM**
[72] BARAK, AYALA, IL
[72] NUOPPONEN, MARI, DE
[71] A.Y. LABORATORIES LTD., IL
[85] 2016-11-30
[86] 2015-06-02 (PCT/IL2015/050568)
[87] (WO2015/193876)
[30] US (62/013,154) 2014-06-17

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[13] A1
[51] **Int.Cl. A61K 31/5355 (2006.01) A61K 9/08 (2006.01) A61K 47/12 (2006.01) A61P 23/00 (2006.01)**
[25] EN
[54] **ROCURONIUM PREPARATION WITH IMPROVED STABILITY**
[54] **FORMULATION DE ROCURONIUM A STABILITE AMELIOREE**
[72] ITSUJI, YUTAKA, JP
[72] NAGAHARA, HIRONORI, JP
[72] JINBO, KEISUKE, JP
[71] MARUISHI PHARMACEUTICAL CO., LTD., JP
[85] 2016-11-30
[86] 2014-06-26 (PCT/JP2014/067023)
[87] (WO2015/198456)

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[13] A1
[51] **Int.Cl. G01S 7/526 (2006.01) G01S 7/524 (2006.01)**
[25] EN
[54] **TARGET DETECTION DEVICE**
[54] **DISPOSITIF DE DETECTION DE CIBLE**
[72] SHIBA, HISASHI, JP
[71] NEC CORPORATION, JP
[85] 2016-11-30
[86] 2015-06-01 (PCT/JP2015/002745)
[87] (WO2015/190058)
[30] JP (2014-118541) 2014-06-09

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[13] A1
[51] **Int.Cl. G02B 1/10 (2015.01) G02C 7/10 (2006.01)**
[25] EN
[54] **MATERIALS AND METHODS FOR MITIGATING THE HARMFUL EFFECTS OF BLUE LIGHT**
[54] **MATERIAUX ET PROCEDES PERMETTANT D'ATTENUER LES EFFETS NOCIFS D'UNE LUMIERE BLEUE**
[72] JAGLAN, PARVEEN, US
[71] BLUE LIGHT EYE PROTECTION, INC., US
[85] 2016-11-04
[86] 2015-05-06 (PCT/US2015/029492)
[87] (WO2015/171781)
[30] US (61/989,041) 2014-05-06
[30] US (62/069,432) 2014-10-28
[30] US (14/553,213) 2014-11-25

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[13] A1
[51] **Int.Cl. G01N 25/72 (2006.01)**
[25] EN
[54] **SOLAR POWER PANEL FAILURE DETECTION AND SEARCHING SYSTEM**
[54] **SYSTEME DE DETECTION ET DE RECHERCHE DE DEFAILLANCE DE PANNEAU SOLAIRE**
[72] UETAKI, RYOHEI, JP
[72] KAIO, DAISUKE, JP
[71] SKYROBOT INC., JP
[85] 2016-11-30
[86] 2014-04-22 (PCT/JP2014/002262)
[87] (WO2015/162637)

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[13] A1
[51] **Int.Cl. C21D 1/00 (2006.01) C21D 1/34 (2006.01) C21D 9/00 (2006.01) H05B 3/62 (2006.01)**
[25] EN
[54] **FAR-INFRARED RADIATION MULTI-STAGE TYPE HEATING FURNACE FOR STEEL SHEETS FOR HOT STAMPING**
[54] **FOUR DE RECHAUFFAGE DE TYPE MULTI-ETAGES A RAYONNEMENT INFRAROUGE LOINTAIN POUR PLAQUE D'ACIER POUR PRESSAGE A CHAUD**
[72] KUWAYAMA, SHINJIRO, JP
[71] SHOWA MANUFACTURING CO., LTD., JP
[71] NIPPON STEEL & SUMIKIN TEXENG. CO., LTD., JP
[85] 2016-11-30
[86] 2015-05-28 (PCT/JP2015/065409)
[87] (WO2015/186599)
[30] JP (2014-117876) 2014-06-06

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[13] A1
[51] **Int.Cl. G01N 33/569 (2006.01)**
[25] EN
[54] **ASSAY FOR ORAL INFLAMMATION**
[54] **TEST DE DETECTION D'UNE INFLAMMATION DE LA CAVITE BUCCALE**
[72] SREENIVASAN, PREM, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-11-30
[86] 2014-06-05 (PCT/US2014/041158)
[87] (WO2015/187169)

[21] **2,950,882**
[13] A1
[51] **Int.Cl. C21D 1/00 (2006.01) C21D 1/34 (2006.01) F27D 5/00 (2006.01)**
[25] EN
[54] **FAR-INFRARED RADIATION MULTI-STAGE TYPE HEATING FURNACE FOR STEEL SHEETS FOR HOT STAMPING**
[54] **FOUR DE CHAUFFAGE DE TYPE MULTI-ETAGE A RAYONNEMENT INFRAROUGE LOINTAIN DESTINE AUX FEUILLES DE METAL SOUMISES A UN ESTAMPAGE A CHAUD**
[72] KUWAYAMA, SHINJIRO, JP
[71] SHOWA MANUFACTURING CO., LTD., JP
[71] NIPPON STEEL & SUMIKIN TEXENG. CO., LTD., JP
[85] 2016-11-30
[86] 2015-05-28 (PCT/JP2015/065411)
[87] (WO2015/186601)
[30] JP (2014-117879) 2014-06-06

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[13] A1
[51] **Int.Cl. B01D 63/00 (2006.01) B01D 63/02 (2006.01) B01D 69/08 (2006.01) B01D 69/10 (2006.01) B01D 69/12 (2006.01)**
[25] EN
[54] **POTTING MATERIAL FOR MEMBRANE MODULES AND HOLLOW FIBER MEMBRANE MODULE USING SAME**
[54] **MATERIAU DE REMPLISSAGE POUR DES MODULES DE MEMBRANES ET MODULE DE MEMBRANES A FIBRES CREUSES L'UTILISANT**
[72] TANIZAKI, YOSHIE, JP
[72] TANAKA, AYUMI, JP
[72] MINAGAWA, MASAKAZU, JP
[72] INOUE, KANA, JP
[71] MITSUBISHI RAYON CO., LTD., JP
[85] 2016-11-30
[86] 2015-06-02 (PCT/JP2015/065911)
[87] (WO2015/186705)
[30] JP (2014-115973) 2014-06-04
[30] JP (2015-085576) 2015-04-20

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ESTIMATING DOWNHOLE STRING VARIABLES**
[54] **PROCEDE ET DISPOSITIF D'ESTIMATION DE VARIABLES DE TRAIN DE TIGES DE FOND DE TROU**
[72] KYLLINGSTAD, AGE, NO
[71] NATIONAL OILWELL VARCO NORWAY AS, NO
[85] 2016-11-30
[86] 2014-06-05 (PCT/NO2014/050094)
[87] (WO2015/187027)

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[13] A1
[51] **Int.Cl. B61H 11/06 (2006.01) B61H 13/02 (2006.01)**
[25] EN
[54] **INCREMENTED BRAKE PIPE REDUCTION**
[54] **REDUCTION DE CONDUITE DE FREIN INCREMENTEE**
[72] LEONARD, ERICH, US
[72] REYNOLDS, JOHN, US
[71] NEW YORK AIR BRAKE LLC, US
[85] 2016-11-30
[86] 2014-06-06 (PCT/US2014/041319)
[87] (WO2015/187177)

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[13] A1
[51] **Int.Cl. H05B 6/12 (2006.01)**
[25] EN
[54] **INDUCTION HEATING COOKING DEVICE**
[54] **DISPOSITIF DE CUISSON A CHAUFFAGE PAR INDUCTION**
[72] KIM, HEE SUP, KR
[72] KANG, HAN SEONG, KR
[72] PARK, JONG SUNG, KR
[72] KIM, JUNG KWON, KR
[72] KIM, HYUNG JIN, KR
[72] CHO, PUNG YEUN, KR
[72] HWANG, YEON A., KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2016-11-30
[86] 2015-05-19 (PCT/KR2015/004987)
[87] (WO2015/182911)
[30] KR (10-2014-0066319) 2014-05-30

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[13] A1
[51] **Int.Cl. F24C 15/20 (2006.01) F24F 11/02 (2006.01) G08B 17/00 (2006.01)**
[25] EN
[54] **SENSOR-ENABLED RANGE HOOD SYSTEM AND METHOD**
[54] **SYSTEME DE HOTTE ASPIRANTE A CAPTEURS ET PROCEDE**
[72] SINUR, RICHARD R., US
[72] WELLNITZ, BRIAN R., US
[72] PALMERSHEIM, RICHARD J., US
[71] BROAN-NUTONE LLC, US
[85] 2016-11-30
[86] 2015-04-29 (PCT/US2015/028219)
[87] (WO2015/168243)
[30] US (14/267,618) 2014-05-01

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[13] A1
[51] **Int.Cl. F16K 11/10 (2006.01) F15B 11/04 (2006.01) F16K 31/02 (2006.01)**
[25] EN
[54] **ZONED MANIFOLD ASSEMBLY FOR SOLENOID VALVE CONTROL SYSTEM**
[54] **ENSEMBLE COLLECTEUR EN ZONES POUR SYSTEME DE COMMANDE D'ELECTROVANNE**
[72] ATKIN, BRADLY JOE, US
[72] DE CAROLIS, ENRICO, US
[72] HUNDT, MICHAEL W., US
[71] NUMATICS, INCORPORATED, US
[85] 2016-11-30
[86] 2014-06-20 (PCT/US2014/043336)
[87] (WO2015/195131)

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[13] A1
[51] **Int.Cl. C09D 11/00 (2014.01) C09D 11/023 (2014.01)**
[25] EN
[54] **INK COMPOSITIONS FOR THREE-DIMENSIONAL PRINTING AND METHODS OF FORMING OBJECTS USING THE INK COMPOSITIONS**
[54] **COMPOSITIONS D'ENCRE POUR IMPRESSION 3D ET PROCEDES DE FORMATION D'OBJETS FAISANT APPEL AUXDITES COMPOSITIONS D'ENCRE**
[72] SHAH, RAMILLE N., US
[72] JAKUS, ADAM E., US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2016-11-30
[86] 2015-05-15 (PCT/US2015/030972)
[87] (WO2015/175880)
[30] US (61/993,360) 2014-05-15
[30] US (62/064,338) 2014-10-15
[30] US (62/143,951) 2015-04-07

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[13] A1
[51] **Int.Cl. C07C 233/36 (2006.01) A61K 49/06 (2006.01) A61K 49/10 (2006.01) C07C 233/05 (2006.01)**
[25] EN
[54] **METAL/RADIOMETAL-LABELED PSMA INHIBITORS FOR PSMA-TARGETED IMAGING AND RADIOTHERAPY**
[54] **INHIBITEURS DU PSMA MARQUES PAR UN METAL/RADIOMETAL POUR IMAGERIE ET RADIOTHERAPIE CIBLEES VERS LE PSMA**
[72] RAY, SANGEETA, US
[72] POMPER, MARTIN G., US
[72] MEADE, THOMAS J., US
[72] MEASE, RONNIE C., US
[72] CHEN, YING, US
[72] YANG, XING, US
[72] ROTZ, MATTHEW, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2016-11-30
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[54] **NOUVELLES COMBINAISONS POUR THERAPIE A BASE D'ANTIGENE**
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[72] LUDVIGSSON, JOHNNY, SE
[71] DIAMYD MEDICAL AB, SE
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[54] **CONTENT DISTRIBUTION PLATFORM FOR BEVERAGE DISPENSING ENVIRONMENTS**
[54] **PLATE-FORME DE DISTRIBUTION DE CONTENU POUR ENVIRONNEMENTS DE DISTRIBUTION DE BOISSON**
[72] ROBINSON, JAMES, US
[72] CALLAHAN, JOSEPH M., US
[71] TAPP TECHNOLOGIES, LLC, US
[85] 2016-11-30
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[54] **ROTISSERIE ADAPTER APPARATUS FOR USE WITH A COOKING DEVICE**
[54] **APPAREIL ADAPTATEUR DE ROTISSOIRE DESTINE A ETRE UTILISE AVEC UN DISPOSITIF DE CUISSON**
[72] SKRODZKI, JOSEPH FRANK, US
[72] BERTASSI, GARY F., US
[71] KAMADO CONCEPTS, LLC, US
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[54] **METHODS AND SYSTEMS TO TRANSFER PROPPANT FOR FRACKING WITH REDUCED RISK OF PRODUCTION AND RELEASE OF SILICA DUST AT A WELL SITE**
[54] **PROCEDES ET SYSTEMES PERMETTANT DE TRANSFERER UN AGENT DE SOUTENEMENT POUR UNE FRACTURATION**
[72] OREN, JOHN, US
[72] OREN, JOSHUA, US
[71] OREN TECHNOLOGIES, LLC, US
[85] 2016-11-30
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[30] US (62/012,160) 2014-06-13
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[54] **METHOD AND APPARATUS FOR EMERGENCY CONTACT MANAGEMENT**
[54] **PROCEDE ET APPAREIL DE GESTION DE CONTACT D'URGENCE**
[72] WIMMER, EDWARD, US
[72] RABICE, PATRICK, US
[71] ROAD ID, INC., US
[85] 2016-11-30
[86] 2015-05-27 (PCT/US2015/032588)
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[54] **INDUSTRIAL AUDIO NOISE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE BRUIT AUDIO INDUSTRIEL**
[72] SCHNAARE, THEODORE H., US
[72] ROBINSON, CORY MICHAEL, US
[72] NELSON, RICHARD LOUIS, US
[71] ROSEMOUNT INC., US
[85] 2016-11-30
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[25] EN
[54] **METHOD FOR PRODUCING TRANSPARENT CERAMIC, TRANSPARENT CERAMIC, MAGNETO-OPTICAL DEVICE AND RARE EARTH OXIDE POWDER FOR SINTERING**
[54] **PROCEDE DE PRODUCTION DE CERAMIQUE TRANSPARENTE, CERAMIQUE TRANSPARENTE, DISPOSITIF MAGNETO-OPTIQUE ET POUDRE D'OXYDE DE TERRES RARES POUR FRITTAGE**
[72] MAKIKAWA, SHINJI, JP
[72] AOKI, SHINJI, JP
[72] NOJIMA, YOSHIHIRO, JP
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
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[54] **MULTIMODAL HEALTH ASSESSMENT WITH NEURO-OPTHALMOLOGICAL SACCADE TESTS**
[54] **EVALUATION MULTIMODALE DE SANTE A L'AIDE D'EXAMENS DE SACCADES NEURO-OPHTALMOLOGIQUES**
[72] SIMON, ADAM J., US
[72] DEVILBISS, DAVID M., US
[71] CERORA, INC., US
[71] SIMON, ADAM J., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR EXPANDING HUMAN PERCEPTION**
[54] **SYSTEMES ET PROCEDES D'EXPANSION DE PERCEPTION HUMAINE**
[72] WILCZEK, FRANK, US
[72] WILCZEK, MIRA, US
[71] WILCZEK, FRANK, US
[71] WILCZEK, MIRA, US
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[54] **METHOD OF INHIBITING OR TREATING FIBROSIS**
[54] **PROCEDE D'INHIBITION OU DE TRAITEMENT DE LA FIBROSE**
[72] MATSUDA, KAZUKO, US
[72] IWAKI, YUICHI, US
[71] MEDICINOVA, INC., US
[85] 2016-11-30
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[54] **USE OF INHIBITOR OF APOPTOSIS PROTEIN (IAP) ANTAGONISTS IN HIV THERAPY**
[54] **UTILISATION D'UN INHIBITEUR DES ANTAGONISTES DE LA PROTEINE D'APOPTOSE (IAP) DANS UNE THERAPIE CONTRE LE VIH**
[72] PACHE, LARS, US
[72] CHANDA, SUMIT K., US
[72] VAMOS, MITCHELL DENNIS, US
[72] COSFORD, NICHOLAS DAVID PETER, US
[72] TERIETE, PETER, US
[72] MARLETT, JOHN, US
[72] DIAZ, ARTURO, US
[72] YOUNG, JOHN A.T., US
[71] SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, US
[71] SALK INSTITUTE FOR BIOLOGICAL STUDIES, US
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[54] **VISUAL AND THERMAL IMAGE RECOGNITION BASED PHM TECHNIQUE FOR WELLSITE**
[54] **TECHNIQUE DE PHM BASEE SUR LA RECONNAISSANCE D'IMAGES VISUELLES ET THERMIQUES POUR UN EMPLACEMENT DE PUITS**
[72] LUHARUKA, RAJESH, US
[72] BHATIA, AMIT, US
[72] SRIDHAR, GARUD BINDIGANAVALE, US
[72] CHONG, JONATHAN WUN SHIUNG, US
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[54] **VIRTUAL CARD NUMBER BASED PERSON-TO-PERSON PAYMENTS**
[54] **PAIEMENTS INTERPERSONNELS REPOSANT SUR DES NUMEROS DE CARTES VIRTUELLES**
[72] HOSP, ADAM KENNETH, US
[72] BROWN, DAVID COLBY, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2016-11-30
[86] 2015-06-08 (PCT/US2015/034660)
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[54] **PAYMENT NETWORK WITH SERVICE PROVIDER DIRECTORY FUNCTION**
[54] **RESEAU DE PAIEMENT AYANT UNE FONCTION DE REPERTOIRE DE FOURNISSEUR DE SERVICES**
[72] KIMBERG, DEBBIE, US
[72] WEHMEIER, CHRISTINA, US
[72] SRINIVASAN, SANTHANAM, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
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[54] **BETA-LACTAMASE INHIBITORS**
[54] **INHIBITEURS DE BETA-LACTAMASES**
[72] BURNS, CHRISTOPHER J., US
[72] DAIGLE, DENIS, US
[72] LIU, BIN, US
[72] JACKSON, RANDY W., US
[72] HAMRICK, JODIE, US
[72] MCGARRY, DANIEL, US
[72] PEVEAR, DANIEL C., US
[72] TROUT, ROBERT E. LEE, US
[71] VENATORX PHARMACEUTICALS, INC., US
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[86] 2015-06-11 (PCT/US2015/035407)
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[30] US (62/010,969) 2014-06-11
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[25] EN
[54] **ALKOXYSILANE-FUNCTIONALIZED HYDROCARBON COMPOUNDS, INTERMEDIATES THEREOFAND METHODS OF PREPARATION THEREOF**
[54] **COMPOSES HYDROCARBONES FONCTIONNALISES PAR ALCOXYSILANE, INTERMEDIAIRES DE CEUX-CI ET PROCEDES DE PREPARATION DESDITS COMPOSES**
[72] DWORAK, DAVID P., US
[72] KLEMARCZYK, PHILIP T., US
[72] JACOBINE, ANTHONY F., US
[71] HENKEL IP & HOLDING GMBH, DE
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[54] **TREATING LYMPHOMAS**
[54] **TRAITEMENT DE LYMPHOMES**
[72] MARKOVIC, SVETOMIR N., US
[72] NEVALA, WENDY K., US
[71] MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, US
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[86] 2015-06-12 (PCT/US2015/035505)
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[51] **Int.Cl. B65D 88/28 (2006.01) G06Q 50/28 (2012.01) B65D 90/02 (2006.01) B65D 90/10 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE TRANSPORT AND STORAGE OF PROPPANT**
[54] **APPAREIL POUR LE TRANSPORT ET LE STOCKAGE D'AGENT DE SOUTENEMENT**
[72] OREN, JOHN, US
[72] OREN, JOSHUA, US
[71] OREN TECHNOLOGIES, LLC, US
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[86] 2015-06-12 (PCT/US2015/035635)
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[30] US (62/012,153) 2014-06-13
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[25] EN
[54] **METHOD OF TREATING HAIR WITH A CONCENTRATED CONDITIONER**
[54] **PROCEDE DE TRAITEMENT DES CHEVEUX A L'AIDE D'UN APRES-SHAMPOING CONCENTRE**
[72] GLENN, ROBERT WAYNE JR., US
[72] KAUFMAN, KATHLEEN MARY, US
[72] HOSSEINPOUR, DARIUSH, US
[71] THE PROCTOR & GAMBLE COMPANY, US
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[54] **FOAM TIRE FLAP FOR LOW PRESSURE APPLICATIONS**
[54] **VOLET DE PNEU EN MOUSSE POUR DES APPLICATIONS A BASSE PRESSION**
[72] CURRY, JAMES E., US
[71] CURRY, JAMES E., US
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[86] 2015-04-27 (PCT/US2015/027854)
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[25] EN
[54] **INFUSION PUMP ERROR DISPLAY**
[54] **AFFICHAGE D'ERREUR DE POMPE A PERFUSION**
[72] MILLS, GARY, US
[72] WILSON, KRISTINA, US
[72] CUDNEY, JAMES, US
[72] COZMI, MIHAELA, US
[72] MARKER, WANDA, US
[72] RINDA, JEFFREY, US
[72] KRABBE, DENNIS, US
[71] HOSPIRA, INC., US
[85] 2016-12-01
[86] 2015-06-30 (PCT/US2015/038633)
[87] (WO2016/004088)
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[25] EN
[54] **GENETICALLY MODIFIED BACTERIA AND METHODS FOR GENETIC MODIFICATION OF BACTERIA**
[54] **BACTERIES GENETIQUEMENT MODIFIEES ET PROCEDES DE MODIFICATION GENETIQUE DE BACTERIES**
[72] HITCHCOCK, THOMAS, US
[72] RHEE, MUN SU, US
[71] XYCROBE THERAPEUTICS, INC., US
[85] 2016-12-01
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[51] **Int.Cl. A01N 25/00 (2006.01) A01N 63/02 (2006.01) C12N 15/82 (2006.01)**
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[54] **VEGETATIVE INSECTICIDAL PROTEINS USEFUL FOR CONTROL OF INSECT PESTS**
[54] **PROTEINES INSECTICIDES VEGETATIVES UTILES POUR LA LUTTE CONTRE LES INSECTES NUISIBLES**
[72] ARMSTRONG, JANNA MAI, US
[72] ETTER, AUDREY JANE, US
[72] FREY, MEGHAN L. F., US
[72] GANDRA, PREMCHAND, US
[72] LETHERER, TED, US
[72] LIN, GAOFENG, US
[72] MADDURI, KRISHNA M., US
[72] MOWERY, HALEY R., US
[72] NARVA, KENNETH, US
[72] SHEETS, JOEL J., US
[72] TAN, SEK YEE, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-12-01
[86] 2015-06-16 (PCT/US2015/035914)
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[30] US (62/014,916) 2014-06-20

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[25] EN
[54] **METABOTROPIC GLUTAMATE RECEPTOR NEGATIVE ALLOSTERIC MODULATORS (NAMS) AND USES THEREOF**
[54] **MODULATEURS ALLOSTERIQUES NEGATIFS (NAM) DU RECEPTEUR METABOTROPIQUE DU GLUTAMATE ET UTILISATIONS DE CEUX-CI**
[72] COSFORD, NICHOLAS DAVID PETER, US
[72] DHANYA, RAVEENDRA PANICKAR, US
[72] SHEFFLER, DOUGLAS J., US
[71] SANFORD-BURNHAM MEDICAL RESEARCH INSTITUTE, US
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[54] **PROCEDE D'ANALYSE DE METHYLATION**
[72] PEDERSEN, SUSANNE, AU
[72] BAKER, ROHAN, AU
[71] CLINICAL GENOMICS PTY LTD, AU
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[25] EN
[54] **SOLID HERBICIDAL COMPOSITIONS CONTAINING A SAFENER**
[54] **COMPOSITIONS HERBICIDES SOLIDES CONTENANT UN PHYTOPROTECTEUR**
[72] HERCAMP, JOSEPH C., US
[72] LI, MEI, US
[72] SHAO, HUI, US
[72] SHEN, HAO, US
[72] ZHANG, HONG, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-12-01
[86] 2015-06-09 (PCT/US2015/034784)
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[30] US (62/010,030) 2014-06-10
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[25] EN
[54] **SOLID HERBICIDAL COMPOSITIONS CONTAINING A SAFENER**
[54] **COMPOSITIONS HERBICIDES SOLIDES CONTENANT UN PHYTOPROTECTEUR**
[72] HERCAMP, JOSEPH C., US
[72] LI, MEI, US
[72] SHAO, HUI, US
[72] SHEN, HAO, US
[72] ZHANG, HONG, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-12-01
[86] 2015-06-09 (PCT/US2015/034778)
[87] (WO2015/191498)
[30] US (62/010,030) 2014-06-10
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[51] **Int.Cl. H04W 84/18 (2009.01) H04W 4/12 (2009.01) H04W 56/00 (2009.01)**
[25] EN
[54] **PERFORMANCE MONITOR, EVALUATION AND DIAGNOSIS SYSTEM FOR WIRELESS SENSOR NETWORKS**
[54] **MONITEUR DE PERFORMANCE, SYSTEME D'EVALUATION ET DE DIAGNOSTIC POUR RESEAUX DE CAPTEURS SANS FIL**
[72] JIANG, JIN, CA
[71] JIANG, JIN, CA
[85] 2016-12-01
[86] 2014-06-11 (PCT/CA2014/050546)
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[30] US (13/915,105) 2013-06-11

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[51] **Int.Cl. G02B 26/06 (2006.01) G02B 27/18 (2006.01) H04N 5/74 (2006.01)**
[25] EN
[54] **EFFICIENT, DYNAMIC, HIGH CONTRAST LENSING WITH APPLICATIONS TO IMAGING, ILLUMINATION AND PROJECTION**
[54] **FORMATION DE LENTILLES EFFICACE, DYNAMIQUE, ET A CONTRASTE ELEVE S'APPLIQUANT A L'IMAGERIE, A L'ECLAIRAGE ET A LA PROJECTION**
[72] DAMBERG, GERWIN, CA
[72] GREGSON, JAMES, CA
[72] HEIDRICH, WOLFGANG, SA
[71] MTT INNOVATION INCORPORATED, CA
[85] 2016-12-01
[86] 2015-06-03 (PCT/CA2015/050515)
[87] (WO2015/184549)
[30] US (62/007,341) 2014-06-03
[30] US (62/118,945) 2015-02-20

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[51] **Int.Cl. H01L 33/52 (2010.01)**
[25] EN
[54] **OPTICAL SYSTEM FOR LUMINARIES AND LED LIGHTING**
[54] **SYSTEME OPTIQUE DE LUMINAIRES ET D'ECLAIRAGE DEL**
[72] RUIZ DE APODACA CARDENOSA, FERNANDO, ES
[71] RUIZ DE APODACA CARDENOSA, FERNANDO, ES
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[25] EN
[54] **POLYNUCLEOTIDE CONSTRUCTS HAVING BIOREVERSIBLE AND NON-BIOREVERSIBLE GROUPS**
[54] **CONSTRUCTIONS DE POLYNUCLEOTIDES POSSEDANT DES GROUPES BIOREVERSIBLES ET NON BIOREVERSIBLES**
[72] BRADSHAW, CURT W., US
[72] SAKAMURI, SUKUMAR, US
[72] ELTEPU, LAXMAN, US
[72] LAM, SON, US
[72] LIU, DINGGUO, US
[72] MEADE, BRYAN, US
[72] IACONO, GIUSEPPE DELLO, US
[72] STOCK, JOSEPH, US
[72] LIU, BIN, US
[71] SOLSTICE BIOLOGICS, LTD., IE
[85] 2016-12-01
[86] 2015-06-08 (PCT/US2015/034749)
[87] (WO2015/188197)
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[54] **MAGNETIC SCREENS AND CURTAINS FOR WELDING AND GRINDING**
[54] **RIDEAUX ET ECRANS MAGNETIQUES POUR SOUDAGE ET MEULAGE**
[72] POWER, THOMAS, CA
[71] POWER, THOMAS, CA
[85] 2016-12-01
[86] 2015-06-22 (PCT/CA2015/050574)
[87] (WO2016/019454)
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[25] EN
[54] **USE OF ANTI-AGING GLYCOPEPTIDES TO ENHANCE PANCREATIC CELL HEALTH, SURVIVAL AND IMPROVE TRANSPLANT OUTCOME**
[54] **UTILISATION DE GLYCOPEPTIDES ANTI-VIEILLISSEMENT POUR AMELIORER LA SANTE DES CELLULES PANCREATIQUES, LES CHANCES DE SURVIE ET AMELIORER LE RESULTAT D'UNE GREFFE**
[72] SHAPIRO, A.M. JAMES, CA
[72] YOUNG, LACHLAN GRANT, CA
[71] PROTOKINETIX, INC., US
[71] SHAPIRO, A.M. JAMES, CA
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[54] **METHOD AND APPARATUS OF CANDIDATE GENERATION FOR SINGLE SAMPLE MODE IN VIDEO CODING**
[54] **PROCEDE ET APPAREIL DE GENERATION DE CANDIDAT POUR UN MODE D'ECHANTILLON UNIQUE DANS UN CODAGE VIDEO**
[72] LAI, WANG-LIN, US
[72] LIU, SHAN, US
[72] CHEN, YI-WEN, CN
[71] HFI INNOVATION INC., CN
[85] 2016-12-01
[86] 2015-06-18 (PCT/CN2015/081752)
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[25] EN
[54] **METHOD AND APPARATUS FOR MONITORING FILL LEVEL OF A MEDIUM IN A CONTAINER**
[54] **PROCEDE DE SURVEILLANCE DU NIVEAU DE REMPLISSAGE D'UN MILIEU DANS UN RECIPIENT**
[72] WERNET, ARMIN, DE
[72] BECHTEL, GERD, DE
[72] UPPENKAMP, KAJ, DE
[71] ENDRESS+HAUSER GMBH+CO. KG, DE
[85] 2016-12-01
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[25] EN
[54] **INSULIN DELIVERY SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ADMINISTRATION D'INSULINE**
[72] MAZLISH, BRYAN, US
[71] BIGFOOT BIOMEDICAL, INC., US
[85] 2016-12-01
[86] 2015-06-08 (PCT/US2015/034705)
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[54] **FOUNDATION SYSTEM FOR TOWERS AND METHOD FOR INSTALLING THE FOUNDATION SYSTEM FOR TOWERS**
[54] **SYSTEME DE FONDATIONS POUR DES TOURS ET PROCEDE D'INSTALLATION DU SYSTEME DE FONDATIONS POUR DES TOURS**
[72] SERNA GARCIA-CONDE, JOSE SALUSTIANO, ES
[71] ESTEYCO S.A.P., ES
[85] 2016-12-01
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[54] **HULL FOR LOW DRAG BOATS**
[54] **COQUE POUR BATEAUX A FAIBLE TRAINEE**
[72] MASCELLARO, LUIGI, IT
[71] MONOTRICAT SRL C.R., IT
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[86] 2014-06-11 (PCT/IB2014/062140)
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[25] EN
[54] **METHOD FOR PACKING FISH PRODUCT, AND FISH PRODUCT PACKAGE**
[54] **PROCEDE D'EMBALLAGE DE PRODUIT DE POISSON, EMBALLAGE DE PRODUIT DE POISSON**
[72] RUUTTU, JARI, FI
[72] KINNUNEN, PETTERI, FI
[71] ARCTIC IP INVESTMENT AB, FI
[85] 2016-12-01
[86] 2015-06-15 (PCT/FI2015/050428)
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[25] EN
[54] **METHOD FOR RECOVERING LIPIDS FROM MICROBIAL BIOMASS**
[54] **METHODE DE RECUPERATION DE LIPIDES A PARTIR D'UNE BIOMASSE MICROBIENNE**
[72] HEISKA, ARTO, FI
[72] PASANEN, JUKKA-PEKKA, FI
[72] MALM, ANNIKA, FI
[71] NESTE OYJ, FI
[85] 2016-12-01
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[25] EN
[54] **SYSTEMS AND METHODS FOR SUTURE DELIVERY**
[54] **SYSTEMES ET PROCEDES DE POSE DE SUTURES**
[72] TANG, HSIAO-WEI, TW
[72] WENG, YU-SHIH, TW
[72] HAN, SHIH-JUI, TW
[72] CHEN, CHUNG-CHU, TW
[72] WANG, SHIH-MING, TW
[72] JUAN, CHUN-CHIA, TW
[71] MEDEON BIODESIGN, INC., TW
[85] 2016-12-01
[86] 2015-06-01 (PCT/IB2015/001590)
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[25] EN
[54] **BILIARY TRACT CANCER DETECTION KIT OR DEVICE, AND DETECTION METHOD**
[54] **NECESSAIRE OU DISPOSITIF ET METHODE DE DETECTION D'UN CANCER DES VOIES BILIAIRES**
[72] KAWAUCHI, JUNPEI, JP
[72] NOBUMASA, HITOSHI, JP
[72] KOZONO, SATOKO, JP
[72] KONDOU, SATOSHI, JP
[72] SUDO, HIROKO, JP
[72] OCHIAI, ATSUSHI, JP
[72] KOJIMA, MOTOHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
[85] 2016-12-01
[86] 2015-06-11 (PCT/JP2015/066820)
[87] (WO2015/190542)
[30] JP (2014-120884) 2014-06-11
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[25] EN
[54] **IMAGE ENCODING DEVICE AND METHOD, AND IMAGE DECODING DEVICE AND METHOD**
[54] **APPAREIL ET PROCEDE DE CODAGE D'IMAGE, ET APPAREIL ET PROCEDE DE DECODAGE D'IMAGE**
[72] NAKAGAMI, OHJI, JP
[71] SONY CORPORATION, JP
[85] 2016-12-01
[86] 2015-06-05 (PCT/JP2015/066289)
[87] (WO2015/194394)
[30] JP (2014-127683) 2014-06-20

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[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/235 (2011.01) H04N 21/236 (2011.01) H04J 11/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS, AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL POUR LA TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL POUR LA RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE POUR LA TRANSMISSION DE SIGNAUX DE DIFFUSION ET PROCEDE POUR LARECEPTION DE SIGNAUX DE DIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] KO, WOOSUK, KR
[72] BACK, SEOYOUNG, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-12-01
[86] 2015-06-01 (PCT/KR2015/005466)
[87] (WO2015/186938)
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[25] EN
[54] **VALVES FOR REGULATING DOWNHOLE FLUIDS USING CONTACTLESS ACTUATION**
[54] **SOUPAPES DE REGULATION DE FLUIDES DE FOND DE TROU UTILISANT UN ACTIONNEMENT SANS CONTACT**
[72] INGLIS, PETER D.W., GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-01
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[25] EN
[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNALS, APPARATUS FOR RECEIVING BROADCAST SIGNALS, METHOD FOR TRANSMITTING BROADCAST SIGNALS, AND METHOD FOR RECEIVING BROADCAST SIGNALS**
[54] **APPAREIL DE TRANSMISSION DE SIGNAUX DE DIFFUSION, APPAREIL DE RECEPTION DE SIGNAUX DE DIFFUSION, PROCEDE DE TRANSMISSION DE SIGNAUX DE DIFFUSION, ET PROCEDE DE RECEPTION DE SIGNAUX DE DIFFUSION**
[72] BAEK, JONGSEOB, KR
[72] BACK, SEOYOUNG, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[71] LG ELECTRONICS INC., KR
[85] 2016-12-01
[86] 2015-06-01 (PCT/KR2015/005475)
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[30] US (62/006,849) 2014-06-02
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[13] A1
[51] **Int.Cl. A23D 9/04 (2006.01)**
[25] EN
[54] **METHODS FOR DEGUMMING OILS**
[54] **PROCEDES DE DEMUCILAGINATION D'HUILES**
[72] KOZYUK, OLEG, US
[71] ARISDYNE SYSTEMS, INC., US
[85] 2016-12-01
[86] 2014-07-03 (PCT/US2014/045356)
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[25] EN
[54] **PROSTATE CANCER DETECTION KIT OR DEVICE, AND DETECTION METHOD**
[54] **KIT OU DISPOSITIF DE DETECTION DU CANCER DE LA PROSTATE, ET PROCEDE DE DETECTION ASSOCIE**
[72] KONDOU, SATOSHI, JP
[72] NOBUMASA, HITOSHI, JP
[72] KOZONO, SATOKO, JP
[72] SUDO, HIROKO, JP
[72] KAWAUCHI, JUNPEI, JP
[72] OCHIYA, TAKAHIRO, JP
[72] KOSAKA, NOBUYOSHI, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
[85] 2016-12-01
[86] 2015-06-12 (PCT/JP2015/066964)
[87] (WO2015/190584)
[30] JP (2014-121377) 2014-06-12
[30] JP (2015-071756) 2015-03-31

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[51] **Int.Cl. C09D 11/101 (2014.01) C09D 11/30 (2014.01) B33Y 70/00 (2015.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01) C07C 57/04 (2006.01) C08F 20/28 (2006.01)**
[25] EN
[54] **INK, INK CARTRIDGE, INKJET RECORDING APPARATUS, PRINTED MATTER, PHOTOPOLYMERIZABLE COMPOUND, PHOTOCURABLE COMPOSITION, THREE-DIMENSIONAL OBJECT FORMATION MATERIAL, AND THREE-DIMENSIONAL OBJECT**
[54] **ENCRE, CARTOUCHE D'ENCRE, APPAREIL D'IMPRESSION PAR JET D'ENCRE, MATIERE IMPRIMEE, COMPOSE PHOTOPOLYMERISABLE, COMPOSITION PHOTODURCISSABLE, MATERIAU DE FORMATION D'OBJET TRIDIMENSIONNEL ET OBJET TRIDIMENSIONNEL**
[72] MORITA, MITSUNOBU, JP
[72] NOGUCHI, SOH, JP
[72] MIKI, DAISUKE, JP
[71] RICOH COMPANY, LTD., JP
[85] 2016-12-01
[86] 2015-05-19 (PCT/JP2015/002502)
[87] (WO2015/190037)
[30] JP (2014-119407) 2014-06-10
[30] JP (2014-218124) 2014-10-27
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[51] **Int.Cl. E21B 10/42 (2006.01) E21B 10/43 (2006.01) E21B 10/56 (2006.01)**
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[54] **ROLLING CUTTER ASSEMBLIES**
[54] **ENSEMBLES MOLETTE**
[72] PROPES, CHRISTOPHER CHARLES, US
[72] ATKINS, BRIAN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-01
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[25] EN
[54] **MULTILATERAL JUNCTION FITTING FOR INTELLIGENT COMPLETION OF WELL**
[54] **RACCORD DE JONCTION MULTILATERAL DESTINE A LA COMPLETION INTELLIGENTE D'UN PUITS**
[72] STEELE, DAVID J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-01
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[51] **Int.Cl. G08G 1/015 (2006.01) G08G 1/042 (2006.01) G08G 1/052 (2006.01) G08G 1/08 (2006.01)**
[25] EN
[54] **VEHICLE CLASSIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CLASSIFICATION DE VEHICULES**
[72] NEUMAN, JEREMY WILLIAM, US
[71] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US
[85] 2016-12-01
[86] 2014-09-11 (PCT/US2014/055172)
[87] (WO2015/199745)
[30] US (14/314,637) 2014-06-25

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[51] **Int.Cl. G02B 6/44 (2006.01)**
[25] EN
[54] **FIBER OPTIC RIBBON CABLE AND RIBBON**
[54] **CABLE-RUBAN A FIBRES OPTIQUES ET RUBAN**
[72] BLAZER, BRADLEY JEROME, US
[72] SLAN, KIMBERLY DAWN, US
[71] CORNING OPTICAL COMMUNICATIONS LLC, US
[85] 2016-12-01
[86] 2015-06-01 (PCT/US2015/033563)
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[30] US (62/006,950) 2014-06-03

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[25] EN
[54] **HISTONE DEACETYLASE INHIBITORS AND COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **INHIBITEURS D'HISTONE DESACETYLASE, ET COMPOSITIONS ET METHODES D'UTILISATION DE CEUX-CI**
[72] DOMINGUEZ, CELIA, US
[72] MUN~OZ-SANJUAN, IGNACIO, US
[72] LUCKHURST, CHRISTOPHER A., GB
[72] ALLEN, DANIEL R., GB
[72] RAPHY, GILLES, GB
[72] BURLI, ROLAND W., GB
[72] BRECCIA, PERLA, GB
[72] HAUGHAN, ALAN F., GB
[72] WISHART, GRANT, GB
[72] HUGHES, SAMANTAH J., GB
[72] JARVIS, REBECCA E., GB
[72] VATER, HUW D., GB
[72] PENROSE, STEPHEN D., GB
[72] WALL, MICHAEL, GB
[72] STOTT, ANDREW J., GB
[72] SAVILLE-STONES, ELIZABETH, GB
[71] CHDI FOUNDATION, INC., US
[85] 2016-12-01
[86] 2015-06-01 (PCT/US2015/033511)
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[30] US (62/006,534) 2014-06-02

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[25] EN
[54] **FLOW TIMER FOR A SAMPLING APPARATUS**
[54] **TEMPORISATEUR D'ECOULEMENT POUR UN APPAREIL D'ECHANTILLONNAGE**
[72] MIHAYLOV, GUEORGUI M., US
[72] TRUEX, BRYAN I., US
[71] NEXTTEQ LLC, US
[85] 2016-12-01
[86] 2015-06-02 (PCT/US2015/033741)
[87] (WO2015/187666)
[30] US (62/006,336) 2014-06-02

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[25] EN
[54] **RFID SHIELDING**
[54] **BLINDAGE RFID**
[72] MCFADDEN, JEFF, US
[72] MCFADDEN, BRIAN P., US
[72] MUTTER, BRUCE V., US
[72] WILLIAMS, HEATHER N., US
[72] BROWNING, JOHN S., US
[71] MOBILE DYNAMIC MARKETING, INC., US
[85] 2016-12-01
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[87] (WO2015/160640)
[30] US (61/979,397) 2014-04-14
[30] US (62/033,082) 2014-08-04
[30] US (62/033,063) 2014-08-04
[30] US (62/033,085) 2014-08-04
[30] US (62/033,078) 2014-08-04
[30] US (62/033,074) 2014-08-04

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[51] **Int.Cl. G06Q 50/30 (2012.01) H04W 4/04 (2009.01)**
[25] EN
[54] **MAINTAINING DATA FOR USE WITH A TRANSPORT SERVICE DURING CONNECTIVITY LOSS BETWEEN SYSTEMS**
[54] **MAINTIEN DE DONNEES POUR UNE UTILISATION AVEC UN SERVICE DE TRANSPORT PENDANT UNE PERTE DE CONNECTIVITE ENTRE DES SYSTEMES**
[72] PEDERSEN, LARS SOENDERGAARD, US
[72] SCHMIDT, RENE WENZEL, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2016-12-01
[86] 2015-06-02 (PCT/US2015/033801)
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[30] US (14/294,041) 2014-06-02

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[51] **Int.Cl. A61M 15/00 (2006.01)**
[25] EN
[54] **A BREATH ACTUATED DRY POWDER INHALER**
[54] **INHALATEUR A POUDRE SECHE ACTIONNE PAR LA RESPIRATION**
[72] DE BOER, ANNE HAAIJE, NL
[72] HAGEDOORN, PAUL, NL
[72] FRIJLINK, HENDERIK WILLEM, NL
[71] RIJKSUNIVERSITEIT GRONINGEN, NL
[85] 2016-12-01
[86] 2015-06-05 (PCT/NL2015/050413)
[87] (WO2015/187025)
[30] EP (14171551.6) 2014-06-06

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[51] **Int.Cl. A61F 13/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR IMPROVING SKIN QUALITY**
[54] **COMPOSITIONS ET METHODES POUR AMELIORER LA QUALITE DE LA PEAU**
[72] MEYER, JANE M., US
[72] MALAVIA, NIKITA, US
[72] CHARLES, STEPHEN ALEXANDER, US
[71] ZIM BIOSCIENCES, INC., US
[85] 2016-12-01
[86] 2015-06-04 (PCT/US2015/034199)
[87] (WO2015/187951)
[30] US (62/007,768) 2014-06-04

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[13] A1
[51] **Int.Cl. A61K 39/40 (2006.01) A61K 39/395 (2006.01)**
[25] EN
[54] **ANTIBODY GUIDED VACCINES AND METHODS OF USE FOR GENERATION OF RAPID MATURE IMMUNE RESPONSES**
[54] **VACCINS GUIDES PAR ANTICORPS ET LEURS PROCEDES D'UTILISATION DANS LA GENERATION DE REPONSES IMMUNES MATURES RAPIDES**
[72] BERGHMAN, LUC, US
[72] CHEN, CHANG-HSIN, US
[72] CHOU, WEN-KO, US
[72] VUONG, CHRISTINE, US
[72] WAGHELA, SURYAKANT, US
[72] MWANGI, WAITHAKA, US
[72] HARGIS, BILLY, US
[72] ABI-GHANEM, DAAD, US
[72] BIELKE, LISA, US
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[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
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[54] **COMPOSITIONS DE LYMPHOCYTES T AMELIOREES**
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[71] BLUEBIRD BIO, INC., US
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[54] **STRAIGHT AND CURVED RECONFIGURABLE PARTITION SYSTEMS**
[54] **SYSTEMES DE STRUCTURES DE SEPARATION RECONFIGURABLES DROITES ET INCURVEES**
[72] GOSLING, GEOFF, CA
[72] SMED, MOGENS F., CA
[72] HARRIS, PATRICK JOHN, CA
[71] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
[85] 2016-12-01
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[25] EN
[54] **METHOD AND SYSTEM FOR AUTOMATED QUALITY ASSURANCE AND AUTOMATED TREATMENT PLANNING IN RADIATION THERAPY**
[54] **PROCEDE ET SYSTEME POUR UNE ASSURANCE DE QUALITE AUTOMATISEE ET UNE PLANIFICATION DE TRAITEMENT AUTOMATISEE EN RADIOTHERAPIE**
[72] PURDIE, THOMAS G., CA
[72] MCINTOSH, CHRISTOPHER, CA
[72] SVISTOUN, IGOR, CA
[71] UNIVERSITY HEALTH NETWORK, CA
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[54] **PEPTIDE-DRUG CONJUGATES**
[54] **CONJUGUES PEPTIDE-MEDICAMENT**
[72] CHU, SHAOSONG, US
[71] JIARUI BIOPHARMACEUTICALS, LTD., CN
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[25] EN
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[54] **PROCEDE ET SYSTEME DE TRAITEMENT PAR PULVERISATION CRYOGENIQUE SECURISEE, REPETABLE ET UNIFORME DES TISSUS DES VOIES AERIENNES**
[72] MANERS, WENDELIN, US
[72] SHEETS, ELLEN, US
[72] CORDERO, RAFAEL, US
[72] DAVIDSON, MARC, US
[72] FAN, WEI, US
[72] SHERRILL, DAVID, US
[72] HANLEY, BRIAN M., US
[72] SARLI, AMY, US
[72] GRIFFIN, STEPHEN, US
[72] HAWKE, HEATHER V., US
[71] CSA MEDICAL, INC., US
[71] MANERS, WENDELIN, US
[71] SHEETS, ELLEN, US
[71] CORDERO, RAFAEL, US
[71] DAVIDSON, MARC, US
[71] FAN, WEI, US
[71] SHERRILL, DAVID, US
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[71] GRIFFIN, STEPHEN, US
[71] HAWKE, HEATHER V., US
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[54] **PROCEDE DE PRODUCTION DE FANTOMES ANATOMIQUES AVEC DES CONSTITUANTS AYANT DES DENSITES VARIABLES**
[72] KERINS, FERGAL, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[54] **APPAREIL ET PROCEDE DE RESEAU DE SEGMENTATION EN UNITES**
[72] SCHENK, DEREK, CA
[72] LEAVENS, EDWARD, CA
[72] CARRAFIELLO, MARC, CA
[72] SCHWARTZ, ABE, CA
[71] DATEX, INC., CA
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[54] **BIOPHOTONIC HYDROGELS**
[54] **HYDROGELS BIOPHOTONIQUES**
[72] PIERGALLINI, REMIGIO, IT
[72] LOUPIS, NIKOLAOS, GR
[72] JAWORSKA, JOANNA, CA
[72] DEVEMY, EMMANUELLE, CA
[72] DESROSIERS, ERIC, CA
[72] CHENITE, ABDELLATIF, CA
[71] KLOX TECHNOLOGIES INC., CA
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[54] **AUTOSTEREOSCOPIC VIRTUAL REALITY PLATFORM**
[54] **PLATE-FORME A REALITE VIRTUELLE AUTOSTEREOSCOPIQUE**
[72] LIANG, KONG, CN
[71] LIANG, KONG, CN
[85] 2016-12-02
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[25] EN
[54] **METHODS AND USES OF QUINOLINE DERIVATIVES IN THE TREATMENT OF SOFT TISSUE SARCOMAS AND PHARMACEUTICAL COMPOSITIONS FOR TREATMENT OF SAME**
[54] **METHODE D'UTILISATION DE DERIVES DE LA QUINOLEINE POUR LE TRAITEMENT DES SARCOMES DES TISSUS MOUS, APPLICATIONS ET COMPOSITION PHARMACEUTIQUE LES CONTENANT DESTINEE AU TRAITEMENTDES SARCOMES DES TISSUS MOUS**
[72] ZHANG, XIQUAN, CN
[72] WANG, XUNQIANG, CN
[72] ZHAN, XIAOLE, CN
[72] DAI, JIE, CN
[72] TIAN, XIN, CN
[72] YANG, LING, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[71] ADVENCHEN LABORATORIES NANJING LTD., CN
[85] 2016-12-02
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[25] EN
[54] **INDIRECT ACOUSTIC DRYING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SECHAGE ACOUSTIQUE INDIRECT**
[72] PLAVNIK, ZINOVY ZALMAN, US
[72] EMORY, GLENN JOHNSON, US
[72] HRYNCHUK, ALIAKSANDR, US
[72] LYE, JASON, US
[72] SISK, RICHARD TERRELL, US
[72] VOLOZHANIN, LEONID ANATOLYEVICH, US
[71] HEAT TECHNOLOGIES, INC., US
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[25] EN
[54] **METHODS FOR TREATING ATTENTION DEFICIT HYPERACTIVITY DISORDER WITH METHYLPHENIDATE**
[54] **METHODES POUR LE TRAITEMENT D'UN TROUBLE DEFICITAIRE DE L'ATTENTION AVEC HYPERACTIVITE FAISANT APPEL A DU METHYLPHENIDATE**
[72] ADJEI, AKWETE L., US
[71] RHODES PHARMACEUTICALS, L.P., US
[85] 2016-12-01
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[25] EN
[54] **METHODS AND MEANS FOR MULTISPECTRAL IMAGING**
[54] **PROCEDES ET MOYENS D'IMAGERIE MULTISPECTRALE**
[72] DIMITRIADIS, NIKOLAS, DE
[72] DELIOLANIS, NIKOLAOS, DE
[71] UNIVERSITAT HEIDELBERG, DE
[85] 2016-12-02
[86] 2015-06-03 (PCT/EP2015/062447)
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[54] **ADAPTIVE AC POWER EXCHANGER**
[54] **ECHANGEUR DE PUISSANCE A COURANT ALTERNATIF ADAPTATIF**
[72] BANAYAN, AZIZ, US
[72] LIU, CHENG-PIN, US
[72] WHITE, ROBERT, US
[72] FLAVIN, JOHN, US
[71] ADAPTIVE FREQUENCY HOLDINGS, LLC, US
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[54] **OPERATING MECHANISM ENCLOSING THE CORD OF A SCREEN ASSEMBLY**
[54] **TRINGLE D'ACTIONNEMENT SUR POUR LES ENFANTS DESTINE A UN STORE**
[72] DIAMOND, CORMAC, GB
[71] FOURDS LIMITED, GB
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[54] **PALAN A CABLE**
[72] MITSUI, HIROKI, JP
[71] KITO CORPORATION, JP
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[54] **CKAP5-GENE-SILENCING RNAI PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE A BASE D'ARNI REPRIMANT LA TRANSCRIPTION DU GENE CKAP5**
[72] YABUUCHI, HAYATO, JP
[72] KURIHARA, KANA, JP
[72] YAMADA, AYUMI, JP
[72] NAKAHASHI, KEIKO, JP
[72] HATANAKA, KENTARO, JP
[72] TOMURA, SHIHO, JP
[71] KYOWA HAKKO KIRIN CO., LTD., JP
[71] DICERNA PHARMACEUTICALS, INC., US
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[54] **METHOD FOR ITERATIVE TARGET LOCATION IN A MULTIPLE RECEIVER TARGET LOCATION SYSTEM**
[54] **PROCEDE DE LOCALISATION ITERATIVE D'UNE CIBLE DANS UN SYSTEME DE LOCALISATION DE CIBLE A MULTIPLES RECEPTEURS**
[72] RICHLEY, EDWARD A., US
[72] TURNER, BELINDA, US
[72] WANG, CHANG, US
[71] ZIH CORP., US
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[54] **RESERVOIR D'EAU TRANSPORTABLE**
[72] SEIBOLD, WILLIAM, US
[71] MARLIDO, LLC, US
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[54] **CAPUCHON DE SERINGUE, SERINGUE AVEC AIGUILLE ET FORMULE DE SERINGUE PREREMPLIE**
[72] SHIOZAKI, RIEKO, JP
[72] YAMANAKA, YUJI, JP
[72] HORITA, TAIJI, JP
[72] MATSUMOTO, IPPEI, JP
[72] TANIGUCHI, KENSUKE, JP
[71] TAISEI KAKO CO., LTD., JP
[71] CHUGAI SEIYAKU KABUSHIKI KAISHA, JP
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[54] **DISPOSABLE ABSORBENT ARTICLE WITH IMPROVED LEG ELASTICS**
[54] **ARTICLE ABSORBANT JETABLE A ELASTIQUES DE JAMBE AMELIORES**
[72] SANCHEZ FERNANDEZ, LUCIA DEL CARMEN, MX
[72] CANALES ESPINOSA DE LOS MONTEROS, CARLOS, MX
[71] GRUPO P.I. MABE, S.A. DE C.V., MX
[85] 2016-12-02
[86] 2015-06-05 (PCT/IB2015/054251)
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[30] MX (MX/a/2014/007716) 2014-06-23

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[51] **Int.Cl. G01G 19/03 (2006.01) G01G 3/12 (2006.01) G01B 11/16 (2006.01)**
[25] EN
[54] **LOADING PLATE FOR WEIGHING SYSTEMS OF VEHICLES IN MOTION AND RELATED CONSTRAINT SYSTEM**
[54] **PLAQUE DE CHARGEMENT POUR SYSTEMES DE PESAGE DE VEHICULES EN MOUVEMENT ET SYSTEME DE CONTRAINTE ASSOCIE**
[72] DEMOZZI, ANDREA, IT
[72] CAPONERO, MICHELE ARTURO, IT
[71] IWIM SRL, IT
[85] 2016-12-02
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[54] **COLORECTAL CANCER DETECTION KIT OR DEVICE, AND DETECTION METHOD**
[54] **NECESSAIRE OU DISPOSITIF DE DETECTION DU CANCER COLORECTAL ET METHODE DE DETECTION ASSOCIEE**
[72] KOZONO, SATOKO, JP
[72] NOBUMASA, HITOSHI, JP
[72] KONDOU, SATOSHI, JP
[72] SUDO, HIROKO, JP
[72] KAWAUCHI, JUNPEI, JP
[72] OCHIAI, ATSUSHI, JP
[72] KOJIMA, MOTOHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
[85] 2016-12-02
[86] 2015-06-12 (PCT/JP2015/066970)
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[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING SIGNAL OF DEVICE TO DEVICE TERMINAL IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION DE SIGNAL D'UN TERMINAL DE DISPOSITIF A DISPOSITIF DANS UN SYSTEME DE COMMUNICATIONS SANS FIL**
[72] CHAE, HYUKJIN, KR
[72] SEO, HANBYUL, KR
[72] KIM, YOUNGTAE, KR
[71] LG ELECTRONICS INC., KR
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[86] 2015-06-16 (PCT/KR2015/006081)
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[30] US (62/012,968) 2014-06-16
[30] US (62/017,246) 2014-06-25
[30] US (62/021,675) 2014-07-07
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[25] EN
[54] **DEVICE AND METHODS OF USING DEVICE FOR SEPARATION OF BACTERIA FROM COMPLEX SAMPLES**
[54] **DISPOSITIF ET PROCEDES D'UTILISATION DE SEPARATION DE BACTERIES A PARTIR D'ECHANTILLONS COMPLEXES**
[72] ATENCIA-FERNANDEZ, FRANCISCO JAVIER, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[85] 2016-12-02
[86] 2015-06-02 (PCT/US2015/033848)
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[30] US (62/006,432) 2014-06-02
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[25] EN
[54] **METHOD FOR CONDUCTING SONOCHEMICAL REACTIONS AND PROCESSES**
[54] **PROCEDE POUR EFFECTUER DES REACTIONS ET DES PROCESSUS SONOCHIMIQUES**
[72] KOZYUK, OLEG, US
[71] ARISDYNE SYSTEMS, INC., US
[85] 2016-12-02
[86] 2015-06-03 (PCT/US2015/033980)
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[30] US (62/013,785) 2014-06-18

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[25] EN
[54] **EVACUATION DEVICE**
[54] **DISPOSITIF DE VENTILATION**
[72] FISKAA, TROND, NO
[71] SEES AS, NO
[85] 2016-12-02
[86] 2015-06-04 (PCT/NO2015/050100)
[87] (WO2015/187035)
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[25] EN
[54] **ROTARY MOTOR**
[54] **MOTEUR ROTATIF**
[72] MONSEN, STEIN KYRRE, NO
[72] MICHELSEN, ERIK, NO
[71] MONSEN, STEIN KYRRE, NO
[71] MICHELSEN, ERIK, NO
[85] 2016-12-02
[86] 2015-06-04 (PCT/NO2015/050101)
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[30] NO (20140700) 2014-06-04

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[25] EN
[54] **A DEVICE FOR LOCKING A BELT AT PREDETERMINED BELT TENSION**
[54] **DISPOSITIF POUR VERROUILLER UNE COURROIE SOUS UNE TENSION DE COURROIE PREDETERMINEE**
[72] CEDERSTRAND, TOMMY, SE
[71] FLSMIDTH A/S, DK
[85] 2016-12-02
[86] 2015-06-02 (PCT/SE2015/050641)
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[30] SE (1400286-9) 2014-06-05

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[54] **METHYLATED MARKERS FOR COLORECTAL CANCER**
[54] **MARQUEURS METHYLES POUR LE CANCER COLORECTAL**
[72] DONAHUE, AMBER C., US
[72] PENG, YEN-LIN, US
[72] PEDERSEN, SUSANNE, AU
[72] LAPOINTE, LAWRENCE, US
[72] BAKER, ROHAN, AU
[72] WALDMAN, FREDERIC, US
[71] QUEST DIAGNOSTICS INVESTMENTS INCORPORATED, US
[71] CLINICAL GENOMICS PTY LTD, AU
[71] PEDERSEN, SUSANNE, AU
[71] LAPOINTE, LAWRENCE, US
[71] BAKER, ROHAN, AU
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[54] **SOLID HERBICIDAL COMPOSITIONS CONTAINING A SAFENER**
[54] **COMPOSITIONS SOLIDES HERBICIDES CONTENANT UN PHYTOPROTECTEUR**
[72] HERCAMP, JOSEPH C., US
[72] LI, MEI, US
[72] SHAO, HUI, US
[72] SHEN, HAO, US
[72] ZHANG, HONG, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-12-02
[86] 2015-06-09 (PCT/US2015/034777)
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[30] US (62/010,030) 2014-06-10
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[51] **Int.Cl. E21B 12/02 (2006.01)**
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[54] **MULTI-LAYER COATING AND RELATED METHODS OF APPLICATION**
[54] **REVETEMENT MULTICOUCHE ET PROCEDES D'APPLICATION ASSOCIES**
[72] BLASINGAME, VAN, US
[72] JOHNSON, ALBERT, US
[71] SUPERIOR SHOT PEENING, INC., US
[85] 2016-12-02
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[25] EN
[54] **TRUCK UNLOADER VISUALIZATION**
[54] **VISUALISATION DE DECHARGEUR DE CAMION**
[72] WICKS, MATTHEW R., US
[72] NILSON, BENJAMIN, US
[72] YUVARAJ, KARTHIKEYAN, US
[72] TANKASALA, SRIRAM PAVAN, US
[71] INTELLIGRATED HEADQUARTERS LLC, US
[85] 2016-12-02
[86] 2015-06-04 (PCT/US2015/034240)
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[30] US (62/007,735) 2014-06-04

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[25] EN
[54] **SOLUBLE BACTERIAL AND FUNGAL PROTEINS AND METHODS AND USES THEREOF IN INHIBITING AND DISPERSING BIOFILM**
[54] **PROTEINES BACTERIENNES ET FONGIQUES SOLUBLES ET LEURS UTILISATIONS EN VUE DE L'INHIBITION ET DE LA DISPERSION D'UN BIOFILM**
[72] ALNABELSEYA, NOOR, US
[72] LEE, MARK JAE, US
[72] HOWELL, LYNNE, CA
[72] BAKER, PERRIN, CA
[72] BAMFORD, NATALIE, CA
[72] LITTLE, DUSTIN, CA
[72] SHEPPARD, DONALD, CA
[72] SNARR, BRENDAN, CA
[71] THE HOSPITAL FOR SICK CHILDREN, CA
[71] THE ROYAL INSTITUTION FOR THE ADVANCEMENT OF LEARNING/MCGILL UNIVERSITY, CA
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[25] EN
[54] **METHODS AND USES FOR MODULATING BILE ACID HOMEOSTASIS AND TREATMENT OF BILE ACID DISORDERS AND DISEASES**
[54] **PROCEDES ET UTILISATIONS POUR LA MODULATION DE L'HOMEOSTASIE DE L'ACIDE BILIAIRE ET LE TRAITEMENT DE TROUBLES ET MALADIES DE L'ACIDE BILIAIRE**
[72] LING, LEI, US
[72] TIAN, HUI, US
[71] NGM BIOPHARMACEUTICALS, INC., US
[85] 2016-12-02
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[25] EN
[54] **SYSTEMS, APPARATUS AND METHODS FOR VARIABLE RATE ULTRA-WIDEBAND COMMUNICATIONS**
[54] **SYSTEMES, APPAREIL ET PROCEDES POUR DES COMMUNICATIONS A ULTRA-LARGE BANDE A FREQUENCE VARIABLE**
[72] TURNER, BELINDA, US
[72] AMETI, AITAN, US
[72] RICHLEY, EDWARD A., US
[72] MUEGGENBORG, ALEXANDER, US
[71] ZIH CORP., US
[85] 2016-12-02
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[54] **MUD MOTOR WITH INTEGRATED MWD SYSTEM**
[54] **MOTEUR A BOUE DOTE D'UN SYSTEME INTEGRE DE MESURE EN COURS DE FORAGE**
[72] DERKACZ, PATRICK R., CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[71] EVOLUTION ENGINEERING INC., CA
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[25] EN
[54] **MEASURING WHILE DRILLING SYSTEMS, METHOD AND APPARATUS**
[54] **SYSTEMES, PROCEDE ET APPAREIL DE MESURE PENDANT LE FORAGE**
[72] DERKACZ, PATRICK R., CA
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] WEST, KURTIS, CA
[72] LIU, JILI (JERRY), CA
[72] BUTERNOWSKY, BARRY D., CA
[71] EVOLUTION ENGINEERING INC., CA
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[25] EN
[54] **CLEANING APPARATUS FOR THE BASE OF A TOILET**
[54] **APPAREIL DE NETTOYAGE POUR LA BASE DE TOILETTES**
[72] DONG, STEVEN, CA
[71] DONG, STEVEN, CA
[85] 2016-12-05
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[25] EN
[54] **MAP44 POLYPEPTIDES AND CONSTRUCTS BASED ON NATURAL ANTIBODIES AND USES THEREOF**
[54] **POLYPEPTIDES MAP44 ET CONSTRUCTIONS A BASE D'ANTICORPS NATURELS ET UTILISATIONS DE CEUX-CI**
[72] HOLERS, MICHAEL V., US
[72] BANDA, NIRMAL, US
[72] KULIK, LIUDMILA, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2016-12-02
[86] 2015-06-04 (PCT/US2015/034270)
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[25] EN
[54] **APPARATUS AND METHODS FOR TREATING A WELLBORE SCREEN**
[54] **APPAREIL ET PROCEDES PERMETTANT DE TRAITER UN CRIBLE DE PUITS DE FORAGE**
[72] HARMAT, FRED, CA
[71] ABSOLUTE COMPLETION TECHNOLOGIES LTD., CA
[85] 2016-12-05
[86] 2015-06-02 (PCT/CA2015/050514)
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[51] **Int.Cl. A61K 31/231 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **METHODS OF TREATING CHRONIC DRY EYE DISEASE USING C16:1N7-PALMITOLEATE AND DERIVATIVES THEREOF**
[54] **METHODES DE TRAITEMENT DE LA SECHERESSE OCULAIRE CHRONIQUE EN UTILISANT DU C16:1N7-PALMITOLEATE ET SES DERIVES**
[72] O'HAIMHIRGIN, LOCHLAINN, US
[71] TERSUS PHARMACEUTICALS, LLC, US
[85] 2016-12-02
[86] 2015-06-04 (PCT/US2015/034279)
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[30] US (62/007,782) 2014-06-04
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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PRESENTING EVENTS**
[54] **SYSTEMES ET PROCEDES DE PRESENTATION D'EVENEMENTS**
[72] KLEINBART, KYLE, US
[72] LOIZIAS, ARIANA, US
[71] KLEINBART, KYLE, US
[85] 2016-12-02
[86] 2015-06-04 (PCT/US2015/034308)
[87] (WO2015/188019)
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[51] **Int.Cl. C07C 29/151 (2006.01) C07C 67/36 (2006.01) C07C 31/20 (2006.01) C07C 69/36 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE SYSTEM FOR PRODUCING DIMETHYL OXALATE THROUGH HIGH-PR ESSURE CARBONYLATION OF INDUSTRIAL SYNTHESIS GAS AND PRODUCING ETHYLENE GLYCOL THROUGH DIMETHYL OXALATE HYDROGENATION**
[54] **SYSTEME DE PROCEDE ET DE DISPOSITIF POUR LA PRODUCTION D'OXALATE DE DIMETHYLE PAR CARBONYLATION A HAUTE PRESSION DE GAZ DE SYNTHESE INDUSTRIEL ET POUR LA PRODUCTION D'ETHYLENEGLYCOL PAR HYDROGENATION**
[72] WANG, BAOMING, CN
[72] WANG, DONGHUI, CN
[72] LI, YUJIANG, CN
[72] XU, CHANGQING, CN
[71] SHANGHAI WUZHENG ENGINEERING TECHNOLOGY CO., LTD, CN
[85] 2016-12-05
[86] 2014-07-23 (PCT/CN2014/082837)
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[25] EN
[54] **BLENDED MEMBRANES FOR WATER VAPOR TRANSPORT AND METHODS FOR PREPARING SAME**
[54] **MEMBRANES MIXTES POUR TRANSPORT DE VAPEUR D'EAU ET LEURS PROCEDES DE PREPARATION**
[72] HUIZING, RYAN NICHOLAS, CA
[72] CHEN, HAO, CA
[72] WONG, FRANKIE KIN BONG, CA
[71] DPOINT TECHNOLOGIES INC., CA
[85] 2016-12-05
[86] 2015-06-16 (PCT/CA2015/050557)
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[30] US (62/012,533) 2014-06-16

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[51] **Int.Cl. A45D 40/26 (2006.01)**
[25] EN
[54] **HEATED COSMETIC SAMPLER WITH INCORPORATED APPLICATOR**
[54] **ECHANTILLONNEUR DE PRODUITS COSMETIQUES A APPLICATEUR CHAUFFANT INTEGRE**
[72] BOUIX, HERVE F., US
[72] JACOB, CHRISTOPHE, FR
[71] ELC MANAGEMENT LLC, US
[85] 2016-12-02
[86] 2015-06-05 (PCT/US2015/034422)
[87] (WO2015/195368)
[30] US (14/309,368) 2014-06-19

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[51] **Int.Cl. G10L 21/02 (2013.01) G10L 19/028 (2013.01)**
[25] EN
[54] **METHOD FOR PROCESSING SPEECH/AUDIO SIGNAL AND APPARATUS**
[54] **METHODE DE TRAITEMENT DE SIGNAL DE PAROLE/SON ET APPAREIL**
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2016-12-05
[86] 2015-01-19 (PCT/CN2015/071017)
[87] (WO2015/184813)
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[51] **Int.Cl. G01B 15/04 (2006.01) G01B 11/25 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **DEVICE FOR DETECTING AN OBSTACLE BY MEANS OF INTERSECTING PLANES AND DETECTION METHOD USING SUCH A DEVICE**
[54] **DISPOSITIF DE DETECTION A PLANS CROISES D'UN OBSTACLE ET PROCEDE DE DETECTION METTANT EN OEUVRE UN TEL DISPOSITIF**
[72] MAISONNIER, BRUNO, FR
[72] ZIEGLER, JORG, FR
[72] CLERC, VINCENT, FR
[72] GARCIA, NICOLAS, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
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[51] **Int.Cl. H02G 3/18 (2006.01)**
[25] EN
[54] **CABLE CONNECTOR AND ELECTRICAL BOX**
[54] **CONNECTEUR DE CABLE ET BOITIER ELECTRIQUE**
[72] KORCZ, KRZYSZTOF W., US
[72] JOHNSON, STEVEN J., US
[72] WAGNER, RICHARD J., US
[72] THOMAS, JASON P., US
[71] HUBBELL INCORPORATED, US
[85] 2016-12-02
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[30] US (62/008,804) 2014-06-06

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[51] **Int.Cl. H02J 7/02 (2016.01) H01M 10/44 (2006.01)**
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[54] **POWER ADAPTER AND TERMINAL**
[54] **ADAPTATEUR D'ALIMENTATION ET TERMINAL**
[72] ZHANG, JIALIANG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2016-12-05
[86] 2015-03-11 (PCT/CN2015/074050)
[87] (WO2016/074391)
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[54] **BIBLIOTHEQUE DE POLYMERES SENSIBLES AU PH ET DE NANOSONDES DE CEUX-CI**
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[72] HUANG, GANG, US
[72] ZHAO, TIAN, US
[72] MA, XINPENG, US
[72] WANG, YIGUANG, US
[72] LI, YANG, US
[72] SUMER, BARAN D., US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2016-12-02
[86] 2015-06-05 (PCT/US2015/034575)
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[30] US (62/009,019) 2014-06-06

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[51] **Int.Cl. A47C 19/20 (2006.01) A47C 19/02 (2006.01)**
[25] EN
[54] **A BUNK BED FRAME**
[54] **UNE STRUCTURE DE LIT A DEUX ETAGES**
[72] LENG, LUHAO, CN
[71] NEW-TEC INTEGRATION (XIAMEN) CO., LTD., CN
[85] 2016-12-05
[86] 2015-06-05 (PCT/CN2015/080857)
[87] (WO2015/185010)
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[30] CN (201420296196.9) 2014-06-05
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[51] **Int.Cl. G01N 1/24 (2006.01)**
[25] FR
[54] **ASSEMBLY FOR PICKING AND TRANSPORTING NANOOBJECTS CONTAINED IN AEROSOLS, WITH A CASSETTE THE OPENING OF WHICH IS SECURED DURING THE PICKING**
[54] **ENSEMBLE DE PRELEVEMENT ET DE TRANSPORT DE NANO-OBJETS CONTENUS DANS DES AEROSOLS, A CASSETTE A OUVERTURE SECURISEE LORS DU PRELEVEMENT**
[72] CLAVAGUERA, SIMON, FR
[72] BROUARD, CHRISTOPHE, FR
[72] HEBERT, GUILLAUME, FR
[72] DECOLIN, ERIC, FR
[72] DE THOURY, RAPHAEL, FR
[72] FAURE, BERTRAND, FR
[71] NANOINSPECT, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2016-12-02
[86] 2015-06-03 (PCT/IB2015/054209)
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[54] **SPECTRAL DATA COMPRESSION**
[54] **COMPRESSION DE DONNEES SPECTRALES**
[72] DAVIES, MICHAEL, GB
[71] SOLETANCHE FREYSSINET S.A.S., FR
[85] 2016-12-05
[86] 2015-06-05 (PCT/GB2015/051640)
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[54] **DENTAL WEDGE**
[54] **CALE DENTAIRE**
[72] CLARK, DAVID J., US
[71] CLARK, DAVID J., US
[85] 2016-12-05
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[30] US (62/007,661) 2014-06-04

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[13] A1
[51] **Int.Cl. G01S 17/06 (2006.01)**
[25] EN
[54] **OBJECT DETECTION SYSTEM**
[54] **SYSTEME DE DETECTION D'OBJETS**
[72] LAVI, DOV, IL
[71] RAFAEL ADVANCED DEFENSE SYSTEMS LTD., IL
[85] 2016-12-05
[86] 2015-07-05 (PCT/IL2015/050694)
[87] (WO2016/009422)
[30] IL (233711) 2014-07-17

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[51] **Int.Cl. H01M 2/10 (2006.01) B60K 6/46 (2007.10) B60K 1/04 (2006.01) H01M 2/20 (2006.01)**
[25] EN
[54] **BATTERY MODULE, ELECTRICITY STORAGE DEVICE, ELECTRICITY STORAGE SYSTEM, ELECTRONIC DEVICE, ELECTRIC-POWERED VEHICLE, AND POWER SYSTEM**
[54] **MODULE DE BATTERIE, DISPOSITIF DE STOCKAGE D'ELECTRICITE, SYSTEME DE STOCKAGE D'ELECTRICITE, DISPOSITIF ELECTRONIQUE, VEHICULE ELECTRIQUE, ET SYSTEME D'ALIMENTATION**
[72] INAKAWA, TETSUO, JP
[72] TANABE, RYO, JP
[72] TONOMURA, YASUHIRO, JP
[71] SONY CORPORATION, JP
[85] 2016-12-05
[86] 2015-03-18 (PCT/JP2015/001496)
[87] (WO2015/190018)
[30] JP (2014-118322) 2014-06-09

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[51] **Int.Cl. C23C 4/08 (2016.01) C23C 24/04 (2006.01) C23C 28/00 (2006.01)**
[25] EN
[54] **A METHOD OF COATING A SHEET OF STEEL**
[54] **PROCEDE DE REVETEMENT D'UNE TOLE D'ACIER**
[72] BRYAN, ALLCOCK, GB
[71] MONITOR COATINGS LIMITED, GB
[85] 2016-12-05
[86] 2015-06-10 (PCT/GB2015/051703)
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[30] GB (1410336.0) 2014-06-10

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[25] EN
[54] **METHOD OF TREATING NON-SMALL CELL LUNG CANCER AND/OR SMALL CELL LUNG CANCER USING THIENOTRIAZOLODIAZEPINE COMPOUNDS**
[54] **PROCEDE DE TRAITEMENT DU CANCER DU POUMON NON A PETITES CELLULES ET/OU DU CANCER DU POUMON A PETITES CELLULES AU MOYEN DE COMPOSES DE THIENOTRIAZOLODIAZEPINE**
[72] RIVEIRO, MARIA EUGENIA, FR
[72] RAYMOND, ERIC, FR
[72] BERTONI, FRANCESCO, CH
[71] ONCOETHIX GMBH, CH
[85] 2016-12-05
[86] 2015-06-12 (PCT/IB2015/054457)
[87] (WO2015/189814)
[30] US (62/012,042) 2014-06-13
[30] US (62/012,051) 2014-06-13
[30] US (62/080,760) 2014-11-17
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[30] US (62/086,466) 2014-12-02

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[51] **Int.Cl. F03D 80/00 (2016.01) F03B 3/04 (2006.01) F03B 3/12 (2006.01) F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR**
[54] **ROTOR**
[72] LIU, HAO, JP
[72] FUJII, TAKEO, JP
[72] YOSHIMURA, RYOSUKE, JP
[71] TERAL INC., JP
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[86] 2015-11-24 (PCT/JP2015/005837)
[87] (WO2016/103572)
[30] JP (2014-261641) 2014-12-25

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[25] EN
[54] **HANDHELD MULTI-SENSOR SYSTEM FOR SIZING IRREGULAR OBJECTS**
[54] **SYSTEME MULTICAPTEUR PORTATIF PERMETTANT DE DEFINIR LA TAILLE D'OBJETS IRREGULIERS**
[72] CHARPENTIER, ALBERT, US
[72] BOYLAN, MICHAEL, US
[72] KUTNICK, ROBERT, US
[72] WORSNOP, KENT, CA
[72] HARVILL, YOUNG, US
[71] BODIDATA, INC., US
[85] 2016-12-05
[86] 2015-06-30 (PCT/IB2015/002166)
[87] (WO2016/020763)
[30] US (62/019,023) 2014-06-30

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61K 48/00 (2006.01) A61P 21/04 (2006.01)**
[25] EN
[54] **ANTISENSE NUCLEIC ACIDS**
[54] **ACIDE NUCLEIQUE ANTISENS**
[72] WATANABE, NAOKI, JP
[72] TONE, YUUICHIROU, JP
[72] TAKEDA, SHIN'ICHI, JP
[72] NAGATA, TETSUYA, JP
[71] NIPPON SHINYAKU CO., LTD., JP
[71] NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY, JP
[85] 2016-12-05
[86] 2015-06-16 (PCT/JP2015/067238)
[87] (WO2015/194520)
[30] JP (2014-124157) 2014-06-17

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[51] **Int.Cl. C12N 5/00 (2006.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AUTOLOGOUS TOLEROGENIC DENDRITIC CELLS (TOLDCS) WITH SPECIFIC ANTIGENS AND THEIR USE IN THE PREPARATION OF A MEDICAMENT USEFUL FOR THE TREATMENT OF SYSTEMIC LUPUS ERYTHEMATOSUS (SLE)**
[54] **PROCEDE DE PRODUCTION DE CELLULES DENDRITIQUES TOLEROGENES AUTOLOGUES (TOLDC) AVEC DES ANTIGENES SPECIFIQUES, ET LEUR UTILISATION POUR LA PREPARATION D'UN MEDICAMENT UTILE POUR LETRAITEMENT DU LUPUS ERYTHEMATEUX DISSEMINE (LED)**
[72] LLANOS MUNOZ, CAROLINA, CL
[72] KALERGIS PARRA, ALEXIS MIKES, CL
[72] VEGA TAPIA, FABIAN ALEJANDRO, CL
[72] TORRES BAEZA, ANDY IGOR, CL
[71] PONTIFICIA UNIVERSIDAD CATOLICA DE CHILE, CL
[85] 2016-12-05
[86] 2015-06-05 (PCT/IB2015/054267)
[87] (WO2015/186105)
[30] US (62/008,319) 2014-06-05

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[13] A1
[51] **Int.Cl. G01N 21/952 (2006.01)**
[25] EN
[54] **HIGH VISIBILITY TERMINATION SYSTEM AND METHOD**
[54] **SYSTEME D'EXTREMITE DE CABLE A HAUTE VISIBILITE ET PROCEDE ASSOCIE**
[72] SHERMAN, ADAM, US
[72] BERES, JAMES, US
[72] NAIR, RAJASREE ANDETH, IN
[72] KUMARA, SUBHAS THANATHALIL, IN
[71] PENTAIR THERMAL MANAGEMENT LLC, US
[85] 2016-12-05
[86] 2014-06-05 (PCT/US2014/041170)
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[13] A1
[51] **Int.Cl. C03C 27/12 (2006.01) B32B 17/10 (2006.01) B32B 27/18 (2006.01) B32B 27/30 (2006.01) B60J 1/00 (2006.01) C08K 5/07 (2006.01) C08L 29/14 (2006.01)**
[25] EN
[54] **INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE STRATIFIE, ET VERRE STRATIFIE**
[72] OOTA, YUUSUKE, JP
[72] IZU, YASUYUKI, JP
[72] NAKAJIMA, DAISUKE, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2016-12-05
[86] 2015-08-03 (PCT/JP2015/072003)
[87] (WO2016/017824)
[30] JP (2014-158223) 2014-08-01

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[51] **Int.Cl. C22B 7/04 (2006.01) C01F 7/46 (2006.01) C22B 21/06 (2006.01)**
[25] EN
[54] **INTEGRATED GAS TREATMENT**
[54] **TRAITEMENT INTEGRE DE GAZ**
[72] BAXTER, ROBERT F., CA
[71] BECHTEL MINING & METALS, INC., US
[85] 2016-12-05
[86] 2014-06-09 (PCT/US2014/041485)
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[25] EN
[54] **COMBINED NASAL AND MOUTH VENTILATION MASK**
[54] **MASQUE DE VENTILATION BUCCALE ET NASALE COMBINEE**
[72] PEDRO, MICHAEL J., US
[72] CATALDO, STEVEN H., US
[72] REILLY, THOMAS, US
[72] REDFORD, RYAN G., US
[72] KANE, DAVID M., US
[71] REVOLUTIONARY MEDICAL DEVICES, INC., US
[85] 2016-12-05
[86] 2015-06-04 (PCT/US2015/034277)
[87] (WO2015/187995)
[30] US (62/007,802) 2014-06-04
[30] US (62/056,293) 2014-09-26
[30] US (62/060,417) 2014-10-06
[30] US (62/061,045) 2014-10-07
[30] US (62/065,504) 2014-10-17
[30] US (62/091,370) 2014-12-12
[30] US (62/118,301) 2015-02-19
[30] US (62/149,313) 2015-04-17
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[51] **Int.Cl. A47K 1/06 (2006.01) A47J 47/20 (2006.01)**
[25] EN
[54] **MODULAR SINK-SURROUNDING COUNTER TOP COVER**
[54] **REVETEMENT DE PLAN DE TRAVAIL MODULAIRE A PLACER AUTOUR D'UN EVIER**
[72] PHILLIPS, GEOFF, US
[71] PHILLIPS, GEOFF, US
[85] 2016-12-05
[86] 2014-06-09 (PCT/US2014/041552)
[87] (WO2015/006001)
[30] US (61/844,319) 2013-07-09
[30] US (14/299,592) 2014-06-09

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[25] EN
[54] **PROCESSES FOR REMEDIATION OF A CONTAMINATED MATERIAL**
[54] **PROCEDES DE DECONTAMINATION DE MATERIAU CONTAMINE**
[72] KNIPPA, MARK, US
[71] BOLDWATER USA, LP, US
[85] 2016-12-05
[86] 2015-06-05 (PCT/US2015/034366)
[87] (WO2015/188042)
[30] US (62/009,075) 2014-06-06
[30] US (62/121,732) 2015-02-27

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[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/48 (2006.01)**
[25] EN
[54] **DOWNHOLE MICROSEISMIC DETECTION FOR PASSIVE RANGING TO A TARGET WELLBORE**
[54] **DETECTION MICRO-SISMIQUE EN FOND DE PUITS POUR TELEMETRIE PASSIVE PAR RAPPORT A UN FORAGE CIBLE**
[72] CUTHBERT, ANDREW J., US
[72] HESS, JOSEPH E., US
[72] CRAMM, CARL J., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-05
[86] 2014-07-07 (PCT/US2014/045583)
[87] (WO2016/007123)

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[51] **Int.Cl. C03C 27/12 (2006.01) B32B 27/18 (2006.01) B60J 1/00 (2006.01) C08K 5/07 (2006.01) C08L 101/00 (2006.01)**
[25] EN
[54] **INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS**
[54] **FILM INTERMEDIAIRE POUR VERRE STRATIFIE, ET VERRE STRATIFIE**
[72] OOTA YUUSUKE, JP
[72] IZU YASUYUKI, JP
[72] NAKAJIMA DAISUKE, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
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[86] 2015-08-03 (PCT/JP2015/072004)
[87] (WO2016/017825)
[30] JP (2014-158222) 2014-08-01
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[51] **Int.Cl. G06F 19/00 (2011.01) E21B 47/00 (2012.01) G01N 33/24 (2006.01)**
[25] EN
[54] **ANISOTROPIC GEOMETRY-ADAPTIVE REFINEMENT FOR RESERVOIR MESH CREATION**
[54] **AFFINEMENT ADAPTATIF EN GEOMETRIE ANISOTROPE POUR LA CREATION DE MAILLAGE DE RESERVOIRS**
[72] BREWER, MICHAEL L., US
[72] WARD, STEVEN B., US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-12-05
[86] 2014-07-11 (PCT/US2014/046322)
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[51] **Int.Cl. A61F 2/50 (2006.01) A61F 2/64 (2006.01) A61F 2/66 (2006.01)**
[25] EN
[54] **TRIPLE FLEXION DEVICE**
[54] **DISPOSITIF A TRIPLE FLEXION**
[72] MUCCIO, PHILIP, US
[71] AXIOBIONICS, US
[85] 2016-12-05
[86] 2015-06-04 (PCT/US2015/034214)
[87] (WO2015/187961)
[30] US (62/007,729) 2014-06-04

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[13] A1
[51] **Int.Cl. A61K 8/26 (2006.01) A61K 8/41 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **ANTIPERSPIRANT COMPOSITIONS CONTAINING ETHYLENEDIAMINE DISUCCINATE**
[54] **COMPOSITIONS ANTI-TRANSPIRANTES CONTENANT DU DISUCCINATE D'ETHYLENEDIAMINE**
[72] DUBOVOY, VIKTOR, US
[72] ADAMS, RICHARD, US
[72] WADEER, SANDRA, US
[72] BOYKE, CHRISTINE, US
[72] PAN, LONG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-12-05
[86] 2014-07-21 (PCT/US2014/047347)
[87] (WO2016/014011)

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[13] A1
[51] **Int.Cl. H05B 3/34 (2006.01) H05B 3/02 (2006.01) H05B 3/12 (2006.01)**
[25] EN
[54] **HEATING SYSTEM FOR SINGLE-USE PACKETTES**
[54] **SYSTEME DE CHAUFFAGE POUR POCHETTES A USAGE UNIQUE**
[72] BOUIX, HERVE F., US
[72] JACOB, CHRISTOPHE, FR
[71] ELC MANAGEMENT LLC, US
[85] 2016-12-05
[86] 2015-06-05 (PCT/US2015/034417)
[87] (WO2015/195366)
[30] US (14/309,341) 2014-06-19

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[13] A1
[51] **Int.Cl. C09K 8/14 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **GUANIDINE- OR GUANIDINIUM-CONTAINING COMPOUNDS FOR TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **COMPOSES CONTENANT DE LA GUANIDINE OU DU GUANIDINIUM POUR LE TRAITEMENT DES FORMATIONS SOUTERRAINES**
[72] MCDANIEL, CATO RUSSELL, US
[72] SHUMWAY, WILLIAM WALTER, US
[72] DAVIDSON, ERIC, GB
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-05
[86] 2014-07-31 (PCT/US2014/049090)
[87] (WO2016/018350)

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[13] A1
[51] **Int.Cl. A45D 44/22 (2006.01) A61K 8/00 (2006.01)**
[25] EN
[54] **HEATING SYSTEM FOR A COSMETIC MASK**
[54] **SYSTEME DE CHAUFFAGE POUR MASQUE COSMETIQUE**
[72] BOUIX, HERVE F., US
[72] JACOB, CHRISTOPHE, FR
[71] ELC MANAGEMENT LLC, US
[85] 2016-12-05
[86] 2015-06-05 (PCT/US2015/034425)
[87] (WO2015/195369)
[30] US (14/309,382) 2014-06-19

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[13] A1
[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/035 (2006.01)**
[25] EN
[54] **NON-REDUCING STABILIZATION COMPLEXANT FOR ACIDIZING COMPOSITIONS AND ASSOCIATED METHODS**
[54] **AGENT COMPLEXANT DE STABILISATION NON REDUCTEUR POUR L'ACIDIFICATION DE COMPOSITIONS ET PROCEDES ASSOCIES**
[72] LABLANC, BENJAMIN EDWARD, US
[72] REYES, ENRIQUE ANTONIO, US
[72] SMITH, ALYSSA LYNN, US
[72] BEUTERBAUGH, AARON MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-12-05
[86] 2014-09-30 (PCT/US2014/058218)
[87] (WO2016/053280)

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[13] A1
[51] **Int.Cl. G06Q 50/04 (2012.01) G06Q 50/10 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING REAL-TIME MAINTENANCE, TROUBLE-SHOOTING, AND PROCESS ASSURANCE FOR THE OILFIELD**
[54] **SYSTEME ET PROCEDE POUR FOURNIR DE LA MAINTENANCE, DU DEPANNAGE ET DE L'ASSURANCE DE PROCESSUS EN TEMPS REEL POUR LES CHAMPS PETROLIFERES**
[72] JOSE, SUNIL J., US
[72] DAULTON, DANIEL J., US
[71] BAKER HUGHES INCOPRORATED, US
[85] 2016-12-05
[86] 2015-05-22 (PCT/US2015/032103)
[87] (WO2015/195273)
[30] US (14/305,299) 2014-06-16

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[51] **Int.Cl. A01G 9/02 (2006.01) A01G 9/20 (2006.01) A47B 51/00 (2006.01) F21V 33/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CULTIVATING PLANTS**
[54] **SYSTEME ET PROCEDE POUR CULTIVER DES PLANTES**
[72] HEIDL, JEREMY, US
[72] MUTH, JIM, US
[71] RACKREIT, LLC, US
[85] 2016-12-05
[86] 2015-06-08 (PCT/US2015/034640)
[87] (WO2015/188177)
[30] US (62/008,700) 2014-06-06

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[13] A1
[51] **Int.Cl. A61K 31/15 (2006.01) A61K 31/155 (2006.01) C07C 259/12 (2006.01)**
[25] EN
[54] **IMMUNOREGULATORY AGENTS**
[54] **AGENTS IMMUNOREGULATEURS**
[72] JAEN, JUAN CARLOS, US
[72] OSIPOV, MAKSIM, US
[72] POWERS, JAY PATRICK, US
[72] SHUNATONA, HUNTER PAUL, US
[72] WALKER, JAMES ROSS, US
[72] ZIBINSKY, MIKHAIL, US
[71] FLEXUS BIOSCIENCES, INC., US
[85] 2016-12-05
[86] 2015-06-05 (PCT/US2015/034449)
[87] (WO2015/188085)
[30] US (62/008,947) 2014-06-06

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[51] **Int.Cl. A01N 25/04 (2006.01) A61K 8/06 (2006.01) A61K 9/107 (2006.01)**
[25] EN
[54] **MICROEMULSIONS AND USES THEREOF**
[54] **MICROEMULSIONS ET UTILISATIONS DESDITES MICROEMULSIONS**
[72] BASEETH, SHIREEN, US
[71] ARCHER DANIELS MIDLAND COMPANY, US
[85] 2016-12-05
[86] 2015-06-05 (PCT/US2015/034488)
[87] (WO2015/188103)
[30] US (62/008,702) 2014-06-06

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[13] A1
[51] **Int.Cl. A41D 19/00 (2006.01)**
[25] EN
[54] **PROTECTIVE GLOVE WITH ENHANCED EXTERIOR SECTIONS**
[54] **GANT DE PROTECTION PRESENTANT DES SECTIONS EXTERIEURES RENFORCEES**
[72] ANDREWS, GREGORY V., US
[72] MORTON, RAYVON A., US
[72] CORNELISON, PAUL W., US
[72] SIMMONS, JOHN D., US
[71] WORLD FIBERS, INC., US
[85] 2016-12-05
[86] 2015-05-28 (PCT/US2015/032839)
[87] (WO2015/187443)
[30] US (14/296,612) 2014-06-05
[30] US (14/657,081) 2015-03-13

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[13] A1
[51] **Int.Cl. C07C 233/66 (2006.01) C07C 251/40 (2006.01)**
[25] EN
[54] **PESTICIDAL COMPOSITIONS AND PROCESSES RELATED THERETO**
[54] **COMPOSITIONS PESTICIDES ET PROCEDES ASSOCIES**
[72] LEPLAE, PAUL RENEE, US
[72] HUNTER, JAMES E., US
[72] WATSON, GERALD B., US
[72] LO, WILLIAM C., US
[72] HERBERT, JOHN, US
[71] DOW AGROSCIENCES LLC, US
[85] 2016-12-05
[86] 2015-06-08 (PCT/US2015/034648)
[87] (WO2015/191430)
[30] US (62/009,448) 2014-06-09

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[13] A1
[51] **Int.Cl. G03B 37/04 (2006.01) H04N 13/00 (2006.01)**
[25] EN
[54] **MULTI-CAMERA SYSTEM USING FOLDED OPTICS FREE FROM PARALLAX ARTIFACTS**
[54] **SYSTEME A PLUSIEURS APPAREILS DE PRISE DE VUES UTILISANT UN SYSTEME A TRAJET OPTIQUE REPLIE SANS ARTEFACTS DE PARALLAXE**
[72] GEORGIEV, TODOR GEORGIEV, US
[72] OSBORNE, THOMAS WESLEY, US
[72] GOMA, SERGIU RADU, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-05
[86] 2015-05-29 (PCT/US2015/033176)
[87] (WO2015/195296)
[30] US (62/015,316) 2014-06-20
[30] US (14/611,045) 2015-01-30

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[13] A1
[51] **Int.Cl. C12N 15/11 (2006.01) C07H 21/04 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING A METABOLIC SYNDROME BY MODULATING HEAT SHOCK PROTEIN (HSP) 90-BETA**
[54] **METHODES DE TRAITEMENT D'UN SYNDROME METABOLIQUE PAR MODULATION DE PROTEINE DE CHOC THERMIQUE (HSP) 90-BETA**
[72] NARAIN, NIVEN RAJIN, US
[72] SARANGARAJAN, RANGAPRASAD, US
[72] VISHNUDAS, VIVEK KANNOTH, US
[72] JING, ENXUAN, US
[71] BERG LLC, US
[85] 2016-12-05
[86] 2015-06-08 (PCT/US2015/034750)
[87] (WO2015/188198)
[30] US (62/009,116) 2014-06-06
[30] US (62/096,649) 2014-12-24
[30] US (62/108,530) 2015-01-27

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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **TECHNIQUE FOR BILLBOARD ADVERTISING**
[54] **TECHNIQUE POUR PANNEAU D'AFFICHAGE PUBLICITAIRE**
[72] VAYSMAN, ARTHUR, US
[71] AINTU INC., US
[85] 2016-12-05
[86] 2015-06-08 (PCT/US2015/034762)
[87] (WO2015/188200)
[30] US (62/009,133) 2014-06-06

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **CROWD SOURCING COUPON REDEMPTION INFORMATION**
[54] **PRODUCTION PARTICIPATIVE D'INFORMATIONS DE REPRISE DE COUPONS**
[72] VAYSMAN, ARTHUR, US
[71] AINTU INC., US
[85] 2016-12-05
[86] 2015-06-08 (PCT/US2015/034764)
[87] (WO2015/188201)
[30] US (62/009,137) 2014-06-06

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[13] A1
[51] **Int.Cl. C08F 8/30 (2006.01) C08F 283/00 (2006.01) C08G 18/62 (2006.01)**
[25] EN
[54] **HIGH SOLIDS, LOW VISCOSITY URETHANE-LINKAGE CONTAINING LATEX AND METHOD OF PRODUCTION THEREOF**
[54] **LATEX CONTENANT UNE LIAISON URETHANE A FAIBLE VISCOSITE, FORTE TENEUR EN SOLIDES ET SON PROCEDE DE PRODUCTION**
[72] DEVONPORT, WAYNE, US
[72] WU, WENJUN, US
[72] KIM, KYU-JUN, US
[71] ARKEMA INC., US
[85] 2016-12-05
[86] 2015-06-12 (PCT/US2015/035450)
[87] (WO2015/195466)
[30] US (62/013,025) 2014-06-17

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[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01) B60K 15/03 (2006.01) B62D 35/00 (2006.01)**
[25] EN
[54] **AERODYNAMIC AND ADJUSTABLE EFFICIENT BACK OF CAB FUEL TANK HOUSING**
[54] **PARTIE ARRIERE EFFICACE, AERODYNAMIQUE ET REGLABLE D'UN LOGEMENT DE CABINE POUR LES RESERVOIRS DE CARBURANT**
[72] VAN DER LINDEN, PAUL, US
[71] QUANTUM FUEL SYSTEMS LLC, US
[85] 2016-12-05
[86] 2015-06-11 (PCT/US2015/035421)
[87] (WO2015/191918)
[30] US (62/011,385) 2014-06-12

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[13] A1
[51] **Int.Cl. D03D 15/00 (2006.01) D03D 1/00 (2006.01)**
[25] EN
[54] **FLAME RESISTANT FABRIC HAVING HIGH TENACITY LONG STAPLE YARNS**
[54] **TISSU RESISTANT A LA FLAMME POSSEDANT DES FILS DE FIBRES LONGUES A TENACITE ELEVEE**
[72] STANHOPE, MICHAEL T., US
[72] COLATRUGLIO, MATTHEW LUCIUS, US
[71] SOUTHERN MILLS, INC., US
[85] 2016-12-05
[86] 2015-06-15 (PCT/US2015/035833)
[87] (WO2015/192131)
[30] US (62/011,624) 2014-06-13

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[72] TYSON, MATTHEW ANTHONY, US
[72] DAVISSON, MARK JOSEPH, US
[72] MAZIARZ, MICHAEL, US
[71] RUSSEL BRANDS, LLC, US
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[54] **DETECTION DE DEFAUTS DANS DES POMPES SUBMERSIBLES ELECTRIQUES**
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[72] VERMA, SANDEEP, US
[72] BOSE, SANDIP, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHOD AND SYSTEM FOR IDENTIFYING AND SAMPLING HYDROCARBONS WITH BUOYS**
[54] **PROCEDE ET SYSTEME PERMETTANT D'IDENTIFIER ET D'ECHANTILLONNER DES HYDROCARBURES AVEC DES BOUEES**
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[72] BOND, WILLIAM E., US
[72] HORNBOSTEL, SCOTT C., US
[72] LEVIEN, LOUISE, US
[72] POTTORF, ROBERT J., US
[72] MEURER, WILLIAM P., US
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[72] N'GUESSAN, A. LUCIE, US
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[72] REGBERG, AARON B., US
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[54] **PROCEDE ET SYSTEME DE PROSPECTION ET D'EXTRACTION D'HYDROCARBURES**
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[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **CREME TRANSDERMIQUE**
[72] PERSICANER, PETER, US
[72] GHANTA, AJAY, US
[72] AMADIO, JULIA, US
[72] LEGASSIE, JASON, US
[72] THORSTEINSSON, THORSTEINN, US
[72] SHADIACK, ANNETTE, US
[72] WINNEKER, RICHARD, US
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[54] **FIXATION DE ROULEAU-COMPRESSEUR ARTICULE**
[72] NEUMANN, DUANE A., US
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[72] SCHUTTE, MICHAEL, US
[71] ROAD WIDENER LLC, US
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[54] **SUPPORTS DE CHEVILLE FONCTIONNELS FAVORISANT LE MOUVEMENT ET LE CONFORT**
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[71] POD GLOBAL IP PTY LTD, AU
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[54] **METHODES DE TRAITEMENT DE MALADIES ET TROUBLES NEURODEVELOPPEMENTAUX**
[72] CHEUNG, STEVE, AU
[72] BOON, WAH CHIN, AU
[71] DEAKIN UNIVERSITY, AU
[71] THE FLOREY INSTITUTE OF NEUROSCIENCE AND MENTAL HEALTH, AU
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[54] **APPARATUS FOR CARBON DIOXIDE ENRICHMENT**
[54] **APPAREIL D'ENRICHISSEMENT EN DIOXYDE DE CARBONE**
[72] LEFSRUD, MARK, CA
[72] ROY, YVES, CA
[72] FILION, FRANCIS, CA
[72] BOUCHARD, JULIEN, CA
[72] NGUYEN, QUOC, CA
[72] DION, LOUIS-MARTIN, CA
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[54] **POWER CONVERTER PROVIDED WITH DUAL FUNCTION BUS BARS**
[54] **CONVERTISSEUR DE PUISSANCE COMPORTANT DES BARRES OMNIBUS A DOUBLE FONCTION**
[72] AMAR, MOHAMMED, CA
[72] BLANCHARD ST-JACQUES, BENOIT, CA
[71] TM4 INC., CA
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[54] **EMISSION DE SIGNAL DE BALISE EN FONCTION D'UN GROUPE**
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[72] MIAO, QINGYU, CN
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[54] **ENSEMBLE D'ENTRAINEMENT DE COUTEAU D'ORGANE DE COUPE**
[72] HONEY, GREGORY, CA
[72] HONEY, GLENN, CA
[71] HONEY BEE MANUFACTURING LTD., CA
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[72] FISCHER, GERALD W., US
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[71] LONGHORN VACCINES & DIAGNOSTICS, LLC, US
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[54] **COMPOSES CHIMIQUES INHIBANT LE VHC, COMPOSITIONS PHARMACEUTIQUES ET APPLICATIONS ASSOCIEES**
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[71] AB PHARMA LTD., CN
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[54] **MOTEUR ECM DE REGULATION DE VITESSE AUTOMATIQUE ET CONGELATEUR UTILISANT CELUI-CI**
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[72] HU, GE, CN
[71] ZHONGSHAN BROAD-OCEAN MOTOR CO.,LTD, CN
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[54] **HIGH-PRESSURE RESISTANT INTEGRATED LEAK-FREE ROTARY COMPENSATOR**
[54] **COMPENSATEUR ROTATIF SANS FUITE INTEGRE RESISTANT AUX PRESSIONS ELEVEES**
[72] HONG, LEI, CN
[72] HONG, LIANG, CN
[72] ZHU, AICHUN, CN
[72] CAO, GUANGJIN, CN
[72] YIN, MINGHUA, CN
[71] HONG, LEI, CN
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[54] **METHODE DE CODAGE AUDIO ET APPAREIL CONNEXE**
[72] LIU, ZEXIN, CN
[72] MIAO, LEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **DETECTION DE SIGNES DE COMPOSANTS PSYCHOACTIFS DANS UN LIQUIDE**
[72] NIELSEN, ULRIK MERRILD, DK
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[25] EN
[54] **METHOD FOR PRODUCING A WOOD PRODUCT BY MEANS OF HOT PRESSING AND USE OF METHOD**
[54] **PROCEDE DE FABRICATION D'UN PRODUIT EN BOIS AU MOYEN D'UN PRESSAGE A CHAUD ET UTILISATION DU PROCEDE**
[72] KUKKONEN, MATTI, FI
[71] ILVOLANKOSKI OY, FI
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[54] **DISPOSITIF D'ACCUEIL MULTI-HOTE**
[72] SOFFER, AVIV, IL
[71] HIGH SEC LABS LTD., IL
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[54] **MISTING AND ATOMIZATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE NEBULISATION ET D'ATOMISATION**
[72] TENCH, THEODORE, IL
[71] SNAPP IP LTD., IL
[85] 2016-12-06
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[54] **THREE-DIMENSIONAL SURFACE POTENTIAL DISTRIBUTION MEASUREMENT APPARATUS**
[54] **DISPOSITIF POUR MESURER UNE REPARTITION DE POTENTIEL DE SURFACE EN 3D**
[72] FURUKAWA, MASAAKI, JP
[72] USHIWATA, KODAI, JP
[72] YOSHIMITSU, TETSUO, JP
[72] TSUBOI, YUICHI, JP
[72] HIDAKA, KUNIHIKO, JP
[72] KUMADA, AKIKO, JP
[72] IKEDA, HISATOSHI, JP
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[54] **DISPOSITIF DE GENERATION D'OZONE**
[72] NODA, KAZUHIKO, JP
[72] MURATA, TAKAAKI, JP
[72] TAKAHASHI, RYOICHI, JP
[72] KUBO, KIE, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
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[25] EN
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[54] **IMPLANT DE FUSION INTEREPINEUX POLYAXIAL ET SYSTEME DE STIMULATION DE CROISSANCE OSSEUSE**
[72] NORTHCUTT, TRENT, JAMES, US
[72] GARAMSZEGI, LASZLO, US
[71] AURORA SPINE INC., US
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[25] EN
[54] **LUNG CANCER DETECTION KIT OR DEVICE, AND DETECTION METHOD**
[54] **KIT OU UN DISPOSITIF POUR LA DETECTION D'UN CANCER DU POUMON, ET PROCEDE DE DETECTION D'UN CANCER DU POUMON**
[72] SUDO, HIROKO, JP
[72] NOBUMASA, HITOSHI, JP
[72] KOZONO, SATOKO, JP
[72] KONDOU, SATOSHI, JP
[72] KAWAUCHI, JUNPEI, JP
[72] OCHIAI, ATSUSHI, JP
[72] KOJIMA, MOTOHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
[71] NATIONAL CANCER CENTER, JP
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[54] **ESOPHAGEAL CANCER DETECTION KIT OR DEVICE, AND DETECTION METHOD**
[54] **KIT OU DISPOSITIF DE DETECTION DU CANCER DE L'□SOPHAGE, ET METHODE DE DETECTION DE CELUI-CI**
[72] SUDO, HIROKO, JP
[72] NOBUMASA, HITOSHI, JP
[72] KOZONO, SATOKO, JP
[72] KONDOU, SATOSHI, JP
[72] KAWAUCHI, JUNPEI, JP
[72] OCHIAI, ATSUSHI, JP
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[71] TORAY INDUSTRIES, INC., JP
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[54] **OUTIL DE DERIVATION DES VIBRATIONS DE FOND DE TROU**
[72] SCHULTZ, ROGER, US
[72] FERGUSON, ANDY, US
[71] THRU TUBING SOLUTIONS, INC., US
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[54] **SYSTEMS AND METHODS FOR VARNISH ABATEMENT AND REMOVAL FROM IN-SERVICE FLUIDS AND COMPONENTS**
[54] **SYSTEMES ET PROCEDES POUR REDUCTION ET ELIMINATION DE VERNIS DE FLUIDES ET DE COMPOSANTS EN SERVICE**
[72] SOTO, CRISTIAN A., US
[72] LIVINGSTONE, GREG, US
[72] MEHTA, JATIN N., US
[72] WOOTON, DAVID L., US
[71] FLUITEC INTERNATIONAL, US
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[25] EN
[54] **DEVICE FOR SUPPLYING EMULSIFIED FUEL AND METHOD FOR SUPPLYING SAID FUEL**
[54] **DISPOSITIF D'ALIMENTATION EN CARBURANT EMULSIONNE ET PROCEDE D'ALIMENTATION EN LEDIT CARBURANT**
[72] FUKAI, TOSHIHARU, JP
[71] FUKAI, TOSHIHARU, JP
[85] 2016-12-06
[86] 2015-06-23 (PCT/JP2015/068052)
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[30] JP (2014-128944) 2014-06-24
[30] JP (2014-145254) 2014-07-15

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[25] EN
[54] **ELECTRODE CATALYST, COMPOSITION FOR FORMING GAS DIFFUSION ELECTRODE, GAS DIFFUSION ELECTRODE, MEMBRANE-ELECTRODE ASSEMBLY, FUEL CELL STACK, METHOD FOR PRODUCING ELECTRODE CATALYST, AND COMPOSITE PARTICLE**
[54] **CATALYSEUR D'ELECTRODE, COMPOSITION POUR FORMER UNE ELECTRODE A DIFFUSION GAZEUSE, ELECTRODE A DIFFUSION GAZEUSE, ENSEMBLE MEMBRANE-ELECTRODES, EMPILEMENT DE PILES A COMBUSTIBLE, PROCEDE DE FABRICATION DE CATALYSEUR D'ELECTRODE ET PARTICULE COMPOSITE**
[72] NAGAMORI, KIYOTAKA, JP
[72] MIZUSAKI, TOMOTERU, JP
[72] NAKAMURA, YOKO, JP
[72] IGARASHI, HIROSHI, JP
[72] SEKI, YASUHIRO, JP
[71] N.E. CHEMCAT CORPORATION, JP
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[54] **PROCEDES ET REACTIFS DESTINES A LA PURIFICATION DE PROTEINES**
[72] BLANK, GREGORY SCOTT, US
[72] LIN, JIUN-LIANG, TW
[71] JHL BIOTECH, INC., KY
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[54] **HIGH CURRENT, COMPACT FUSIBLE DISCONNECT SWITCH WITH DUAL SLIDER BAR ACTUATOR ASSEMBLY**
[54] **SECTIONNEUR COMPACT A FUSIBLE POUR COURANTS FORTS AVEC ENSEMBLE ACTIONNEUR A DOUBLE BARRE COULISSANTE**
[72] DARR, MATTHEW RAIN, US
[72] GUO, RUI, CN
[72] ZHANG, XUECHENG, CN
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **SYSTEMS AND METHODS FOR PROCESSING SOLID MATERIALS USING SHOCKWAVES PRODUCED IN A SUPERSONIC GASEOUS VORTEX**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE MATIERES SOLIDES AU MOYEN D'ONDES DE CHOC PRODUITES DANS UN TOURBILLON GAZEUX SUPERSONIQUE**
[72] LANSELL, PETER, AU
[72] KEATING, WILLIAM, AU
[72] LOWE, DAVID, AU
[71] LLT INTERNATIONAL (IRELAND) LTD., US
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[72] SEBESTA, KENNETH D., US
[71] CYPHY WORKS, INC., US
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[54] **WOOD FLOORING WITH REINFORCED THERMOPLASTIC UNDERLAYER**
[54] **REVETEMENT DE PLANCHER EN BOIS COMPORTANT UNE SOUS-COUCHE THERMOPLASTIQUE RENFORCEE**
[72] LU, ZIQIANG, US
[72] CHORNEY, MARC, US
[71] ROCKLAND FLOORING LLC, US
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[54] **APPAREIL SERVANT A COMPACTER DES FEUILLES OU DES PLAQUES DE PATE EMPILEES**
[72] RIEMER, HUBERT, AT
[71] ANDRITZ AG, AT
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[54] **TETRAZOLE-SUBSTITUTED ANTHRANILAMIDES AS PESTICIDES**
[54] **ANTHRANILAMIDES SUBSTITUES AU TETRAZOLE EMPLOYES COMME PESTICIDES**
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[72] FUNKE, CHRISTIAN, DE
[72] GRONDAL, CHRISTOPH, DE
[72] HENSE, ACHIM, DE
[72] BECKER, ANGELA, DE
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[54] **MODULATEURS DES TRANSPORTEURS DE LA CASSETTE DE LIAISON A L'ATP**
[72] RUAH, SARA S. HADIDA, US
[72] GROOTENHUIS, PETER D. J., US
[72] MILLER, MARK T., US
[72] MCCARTNEY, JASON, US
[72] VAN GOOR, FREDRICK, US
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[54] **COMPOSITION ORALE ANTIBACTERIENNE**
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[72] LOUPIS, NIKOLAOS, GR
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[54] **FOOT DECK-BASED VEHICLE WITH INCREASED POTENTIAL ENERGY FOR OLLIE-TYPE MANOEUVERS**
[54] **VEHICULE A PEDALE A PLATEFORME OFFRANT UNE AUGMENTATION D'ENERGIE POTENTIELLE POUR LES MAN~UVRES DE TYPE OLLIE**
[72] EDELSTEIN, BENJAMIN ZACHARY, US
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[54] **METHOD FOR PRODUCING ARACHIDONIC ACID AND/OR EICOSAPENTAENOIC ACID IN USEFUL TRANSGENIC PLANTS**
[54] **PROCEDE DE PRODUCTION D'ACIDE ARACHIDONIQUE ET/OU D'ACIDE EICOSAPENTANOIQUE DANS DES PLANTES UTILES TRANSGENIQUES**
[72] CIRPUS, PETRA, DE
[72] BAUER, JORG, DE
[72] QIU, XIAO, CA
[72] WU, GUOHAI, CA
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[54] **CELLULES PLURIPOTENTES**
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[71] JANSSEN BIOTECH, INC., US
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[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
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[71] XYLECO, INC., US
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[54] **DEVICES FOR CONTROLLING HIGH FREQUENCY SPINAL CORD MODULATION FOR INHIBITING PAIN, AND ASSOCIATED SYSTEMS AND METHODS, INCLUDING SIMPLIFIED CONTROLLERS**
[54] **DISPOSITIFS DE COMMANDE D'UNE MODULATION DE MOELLE EPINIERE A HAUTE FREQUENCE POUR INHIBER UNE DOULEUR, ET SYSTEMES ET PROCEDES ASSOCIES, COMPRENANT DES DISPOSITIFS DE COMMANDE SIMPLIFIES**
[72] ALATARIS, KONSTANTINOS, US
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[72] PARKER, JON, US
[72] THACKER, JAMES R., US
[71] NEVRO CORP., US
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[54] **DETECTION NON INVASIVE D'UNE ANOMALIE GENETIQUE FOTALE**
[72] JIANG, FUMAN, CN
[72] CHEN, HUIFEI, CN
[72] CHAI, XIANGHUA, CN
[72] YUAN, YUYING, CN
[72] ZHANG, XIUQING, CN
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[54] **ORAL MOUTHPIECE AND METHOD FOR USE THEREOF**
[54] **EMBOUT BUCCAL ET SA METHODE D'UTILISATION**
[72] MARTIN, RUTH E., CA
[72] NUTTALL, MICHAEL, CA
[72] FINLAY, BRYAN, CA
[72] THEURER, JULIE, CA
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[72] FINSCHI, LUKAS, CH
[72] WEINBERGER, KARL, CH
[71] INVENTIO AG, CH
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[54] **PULLULANASE VARIANTS WITH INCREASED PRODUCTIVITY**
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[72] ENGLAND, GEORGE, US
[72] KOLKMAN, MARC, US
[72] MILLER, BRIAN S., US
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[54] **PROCEDES DE SEQUENCAGE NORMALISE D'ACIDES NUCLEIQUES ET LEURS UTILISATIONS**
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[54] **LIAISON DE MOLECULES AU RECEPTEUR HUMAIN OX40**
[72] MIN, JING, US
[72] WU, YANLI, US
[72] FINN, RORY FRANCIS, US
[72] THIELE, BARRETT RICHARD, US
[72] LIAO, WEI, US
[72] GLADUE, RONALD PAUL, US
[72] RAJPAL, ARVIND, US
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[72] DEVAUX, BRIGITTE, US
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[54] **MOLECULES DE LIAISON SPECIFIQUE A RSV ET MOYENS POUR LES PRODUIRE**
[72] SPITS, HERGEN, US
[72] BEAUMONT, TIM, NL
[72] KWAKKENBOS, MARK JEROEN, NL
[72] YASUDA, ETSUKO, NL
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[54] **COFFEE BEAN PACKAGING CARTRIDGE AND COFFEE BEVERAGE SYSTEM INCLUDING SAME**
[54] **CARTOUCHE D'EMBALLAGE DE GRAINS DE CAFE, ET MACHINE A CAFE UTILISANT UNE TELLE CARTOUCHE**
[72] VAN OS, IVO, NL
[72] KNEPPERS, JOB LEONARDUS, NL
[72] VERSLUIJS, RICHARD PATRICK, NL
[72] MOORMAN, CHRISTIAAN JOHANNES MARIA, NL
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[54] **SYSTEME ET PROCEDE DE PUITS MULTILATERAUX**
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[54] **SYSTEMES ET METHODES DE GESTION DES STOCKS DESTINES AUX ORGANISMES DE SOINS DE SANTE**
[72] BHATTI, RAVIPAL SINGH, CA
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[54] **PROCEDE ET APPAREIL DE TEST DE SEMENCE**
[72] PETERSEN, CHRISTOPHER LEE, US
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[54] **TIGE DE PISTON POUVANT ETRE FIXEE ET CONDITIONNEMENT ASSOCIE**
[72] HILLIARD, CHRISTOPHER TODD, US
[72] HOTTOVY, TRACY RAY, US
[72] PELLEGRINI, JAMES JUDE, US
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[72] PREMJI, AL-NASIR, CA
[72] UKRAINEC, ANDREW M., CA
[72] WEBER, PETER T., CA
[72] JONES, GRAEME S., CA
[72] KRASNOR, CARL E., CA
[71] ACCIPITER RADAR TECHNOLOGIES INC., CA
[22] 2005-04-20
[41] 2006-10-20
[62] 2,898,390

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[21] **2,950,955**
[13] A1
[51] **Int.Cl. H04L 12/12 (2006.01) H04L 9/00 (2006.01) H04L 9/14 (2006.01) H04L 9/32 (2006.01)**
[25] EN
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[72] XAVIER, STANISLUS KISITO, CA
[72] STEKLASA, ROBERT FRANK, CA
[72] WILSON, STEPHEN GEORGE, CA
[72] ZHU, HE, CA
[71] INBAY TECHNOLOGIES INC., CA
[22] 2013-02-12
[41] 2013-08-16
[62] 2,805,539
[30] US (61/599,556) 2012-02-16

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[21] **2,951,193**
[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION METHOD AND APPARATUS FOR REPORTING TRAFFIC VOLUME MEASUREMENT INFORMATION TO SUPPORT ENHANCED UPLINK DATA TRANSMISSIONS**
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[72] TERRY, STEPHEN E., US
[72] DICK, STEPHEN G., US
[71] INTERDIGITAL TECHNOLOGY CORPORATION, US
[22] 2005-03-07
[41] 2005-11-03
[62] 2,558,387
[30] US (60/557,974) 2004-03-31
[30] US (10/953,375) 2004-09-29

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27 décembre 2016

Please be advised that no patents were issued on Deceember 27, 2016.

Veuillez noter qu'aucun brevet n'a été délivré le 27 décembre 2016.

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